

FIG. 1A

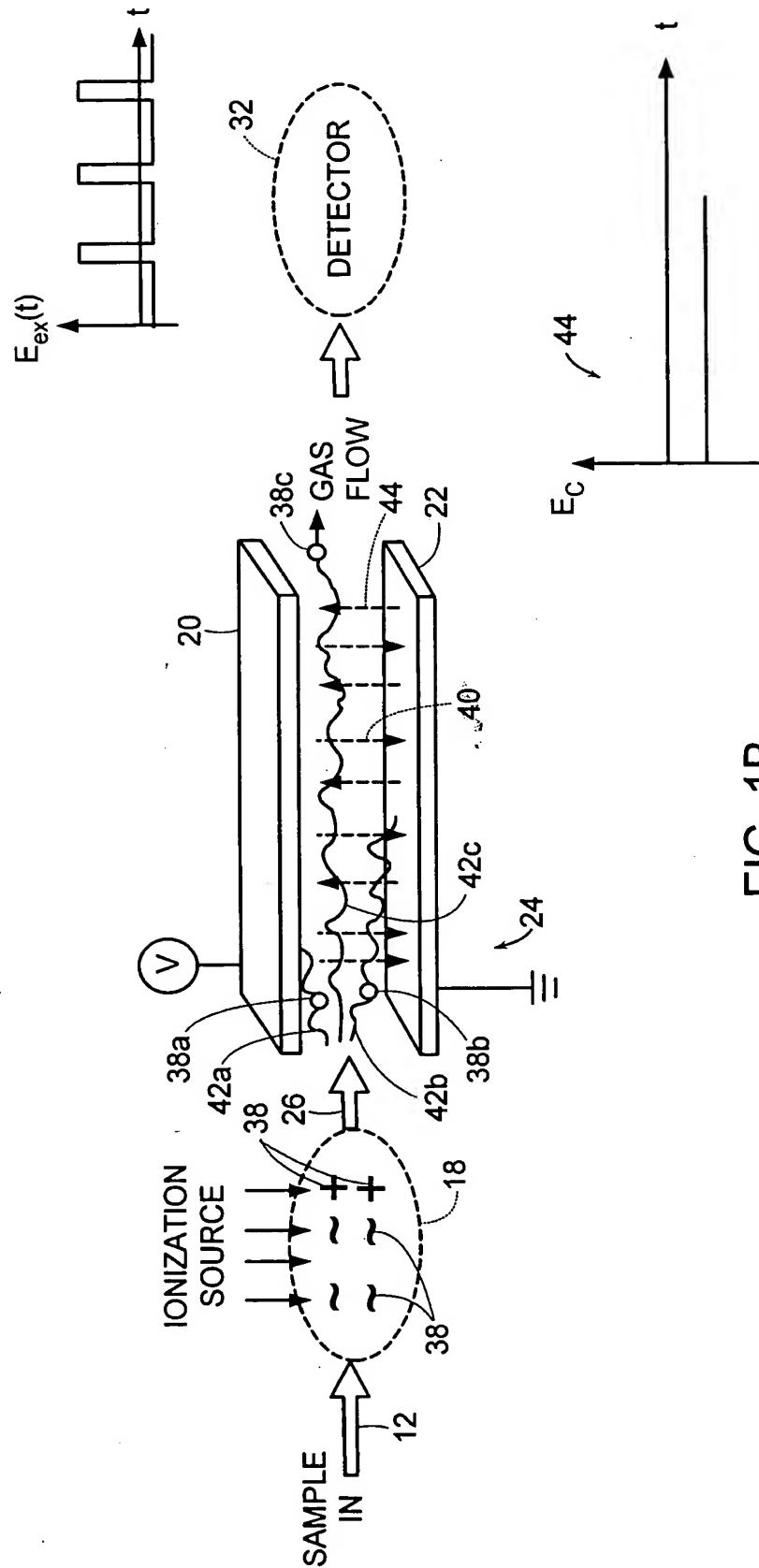


FIG. 1B

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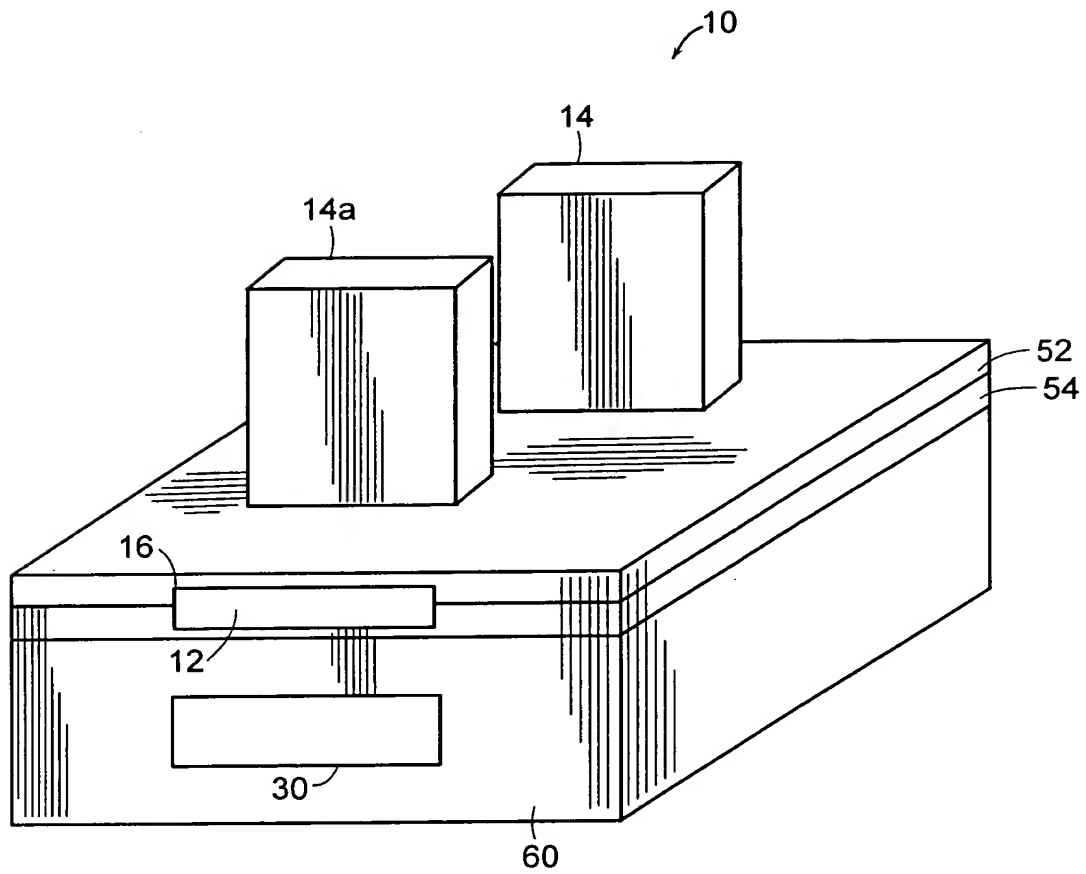


FIG. 1C

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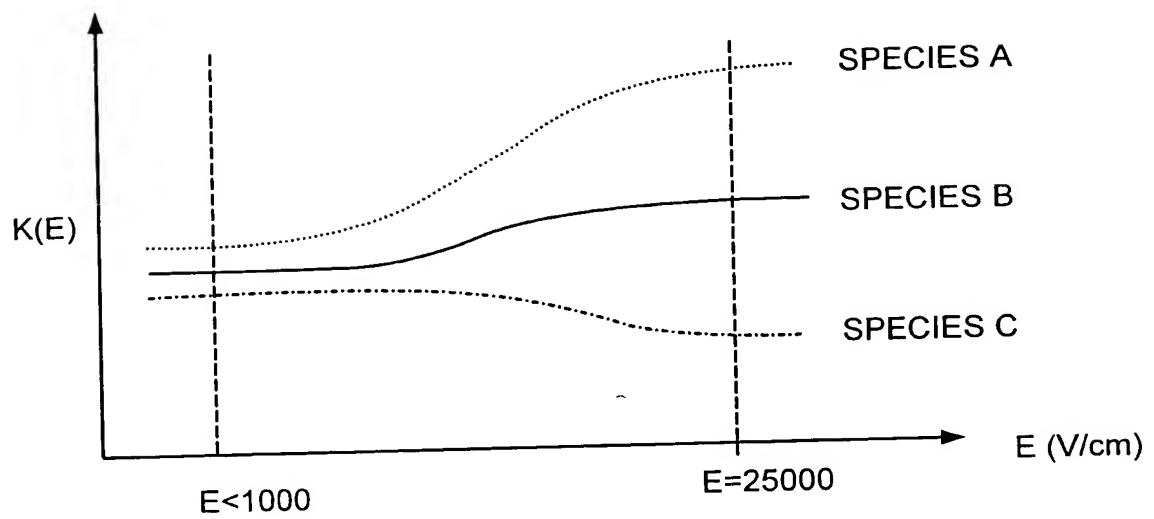


FIG. 2

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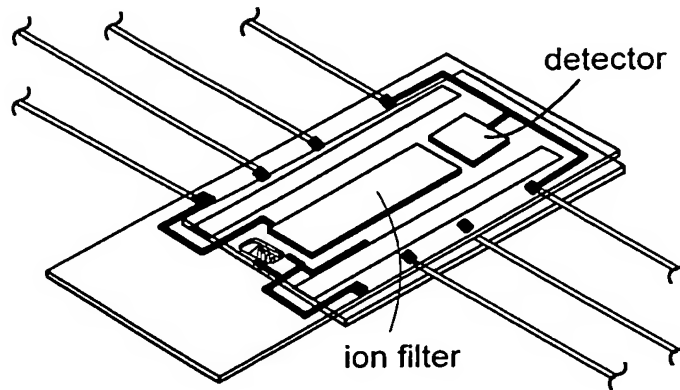


FIG. 3A

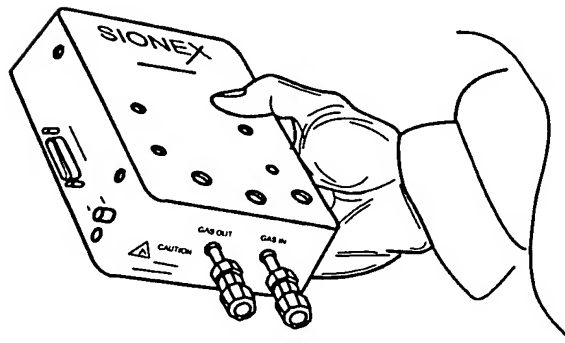


FIG. 3B

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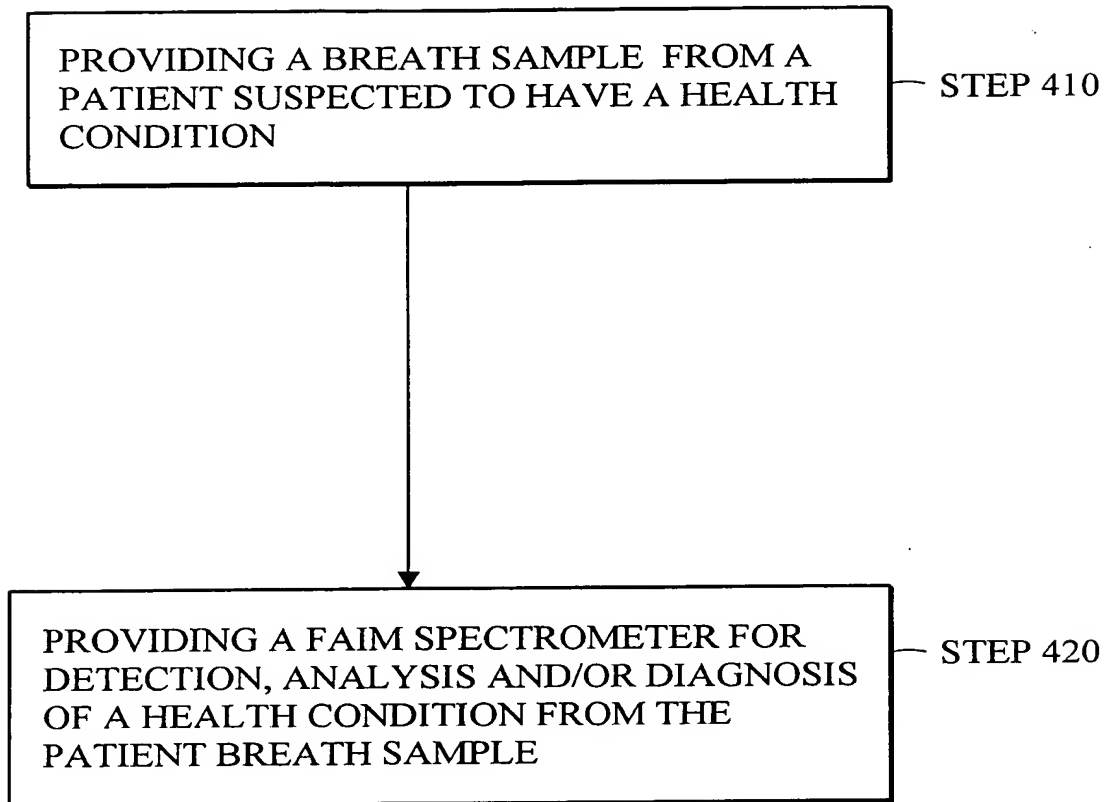


FIG. 4

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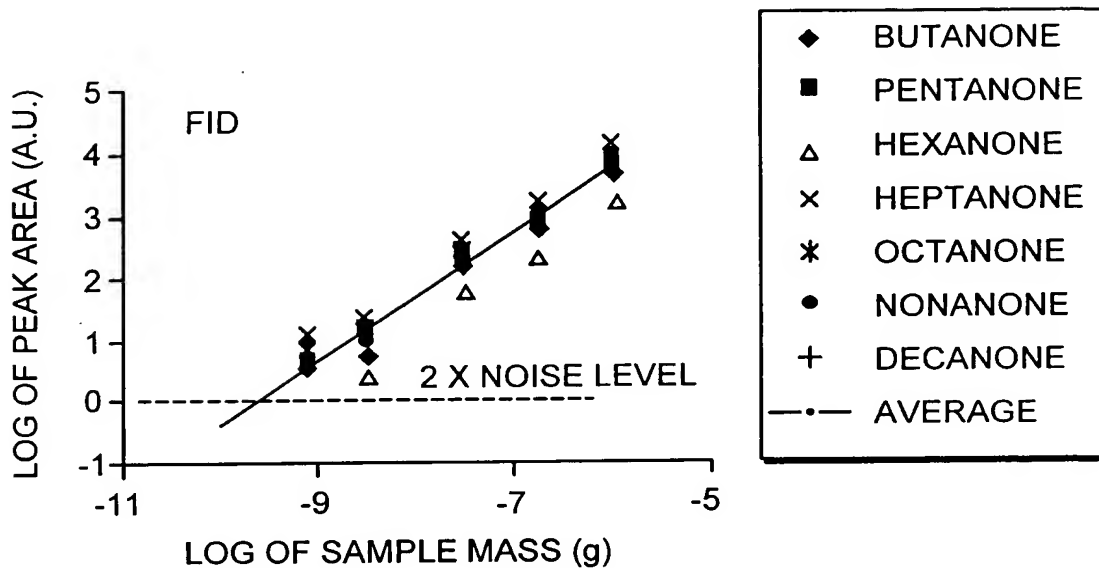


FIG. 5A

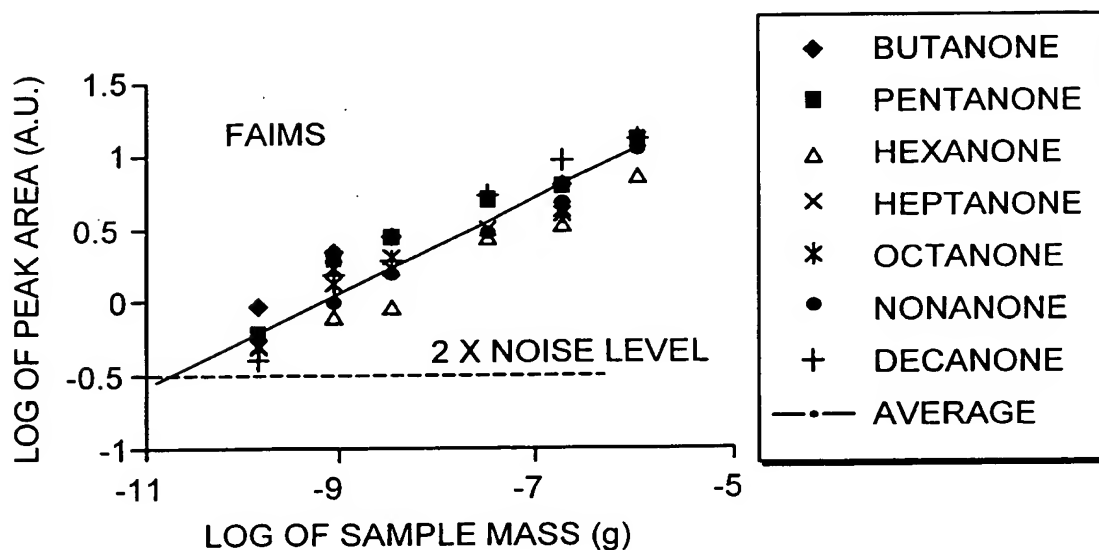


FIG. 5B

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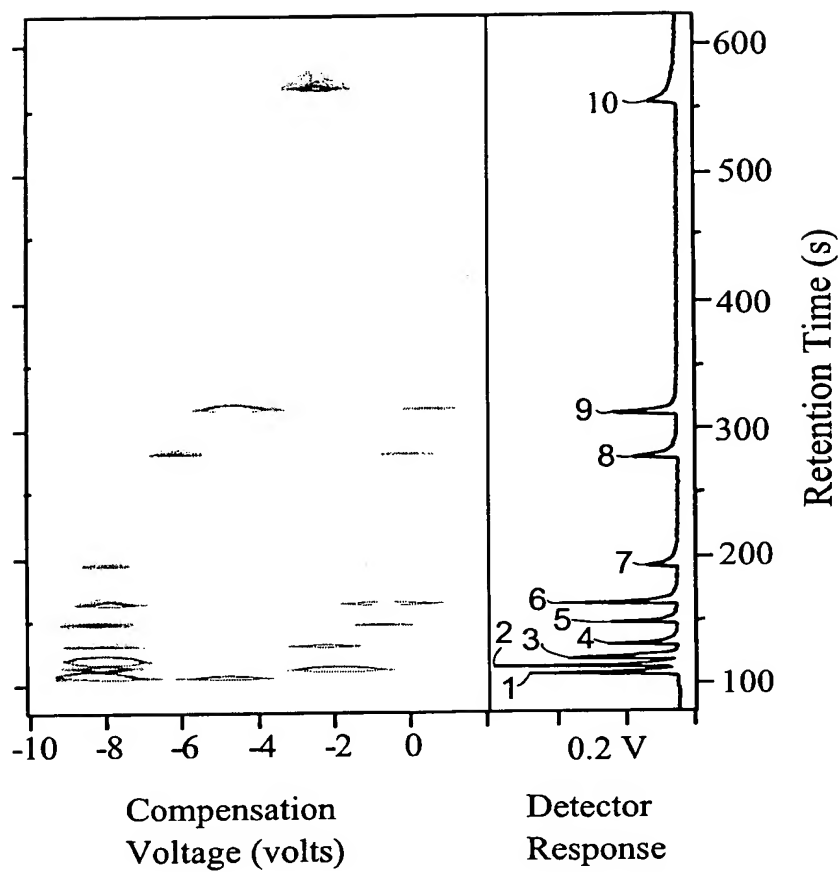
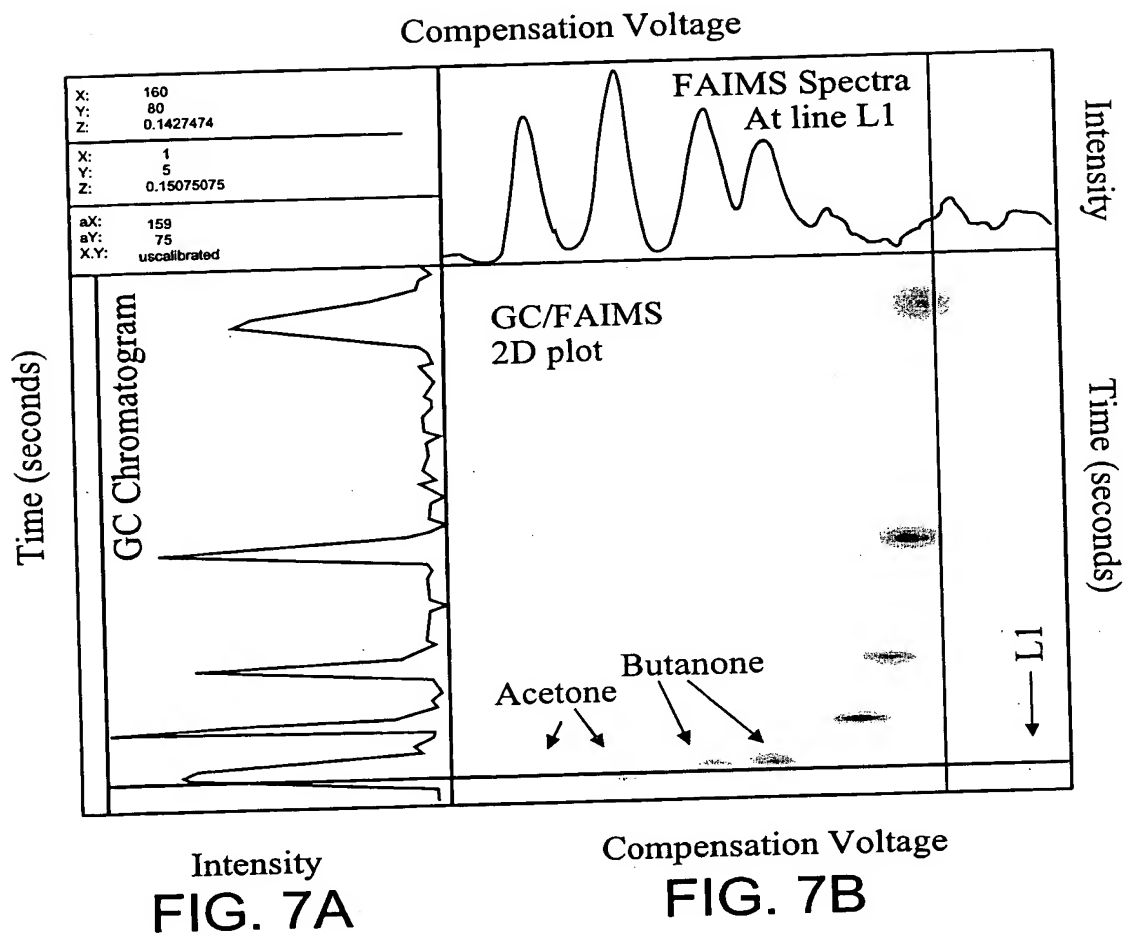


FIG. 6A

FIG. 6B

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FAIMS Response for Ketones (5 injections)
 Butanone 6.4%, Petanone 4.7%, Impurity 7.6%,
 Hexanone 3.9%, Heptanone 6.6%, Octanone 6.2%,
 Nonanone 7.9%, Decanone 4.6%

FID Response for Ketones (8 injections)
 Butanone 6.6%, Petanone 4.7%, Hexanone 10.6%,
 Heptanone 4.9%, Octanone 6.7%, Nonanone 6.4%,
 Decanone 3.5%

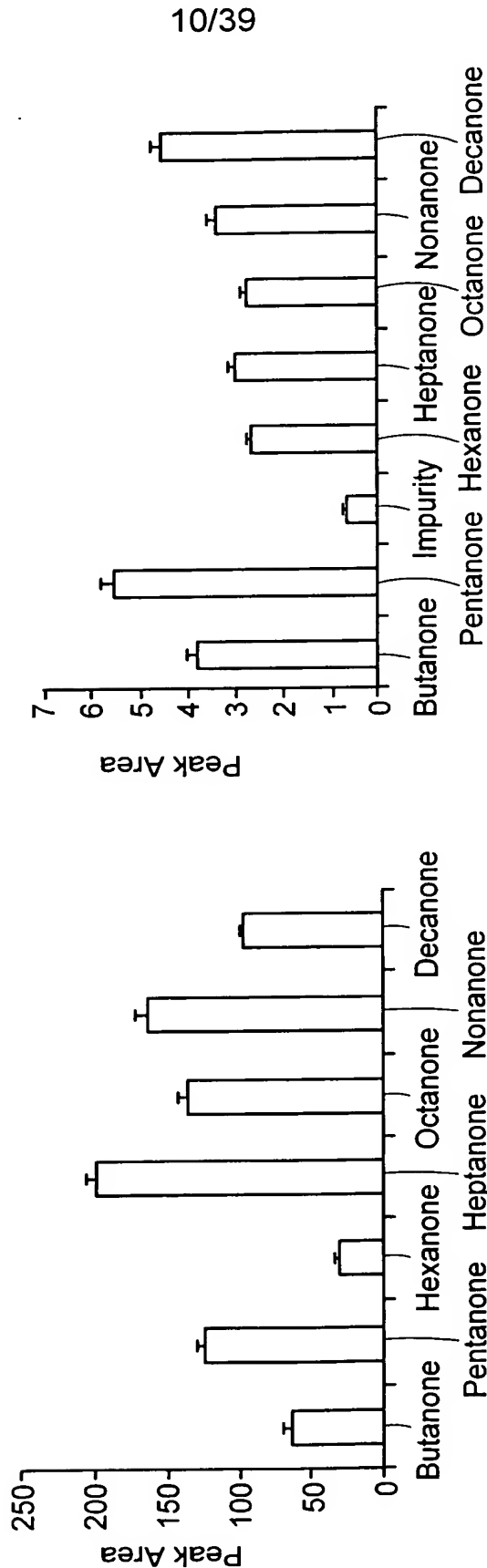


FIG. 8B

FIG. 8A

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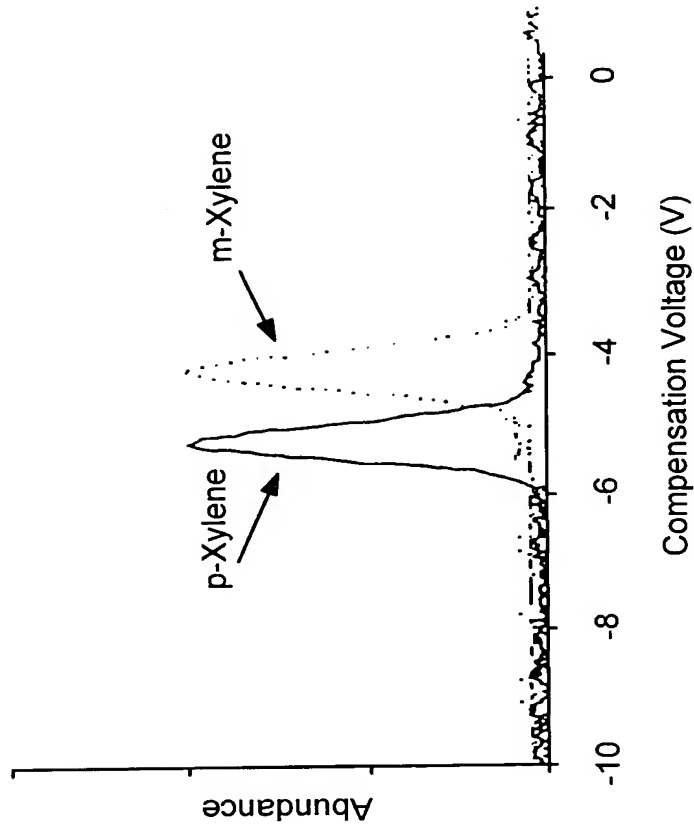


FIG. 9B

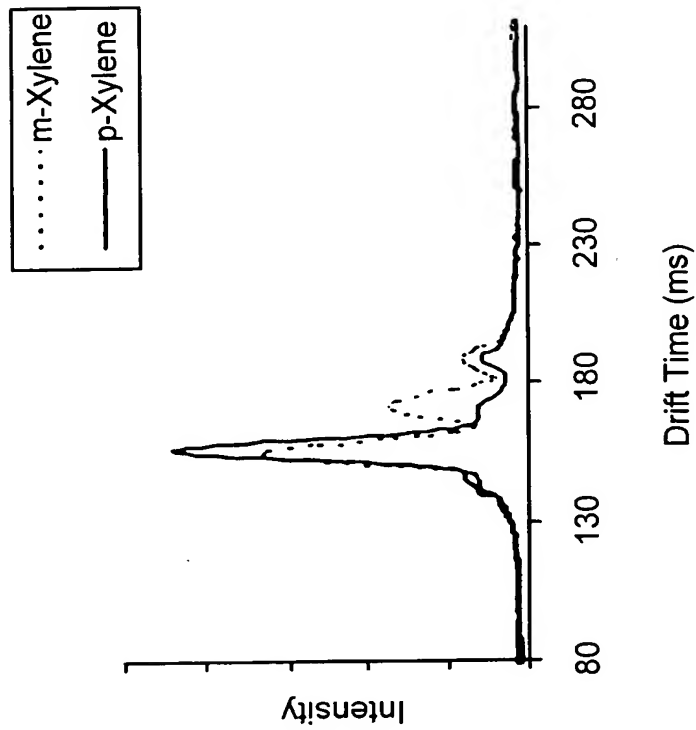


FIG. 9A

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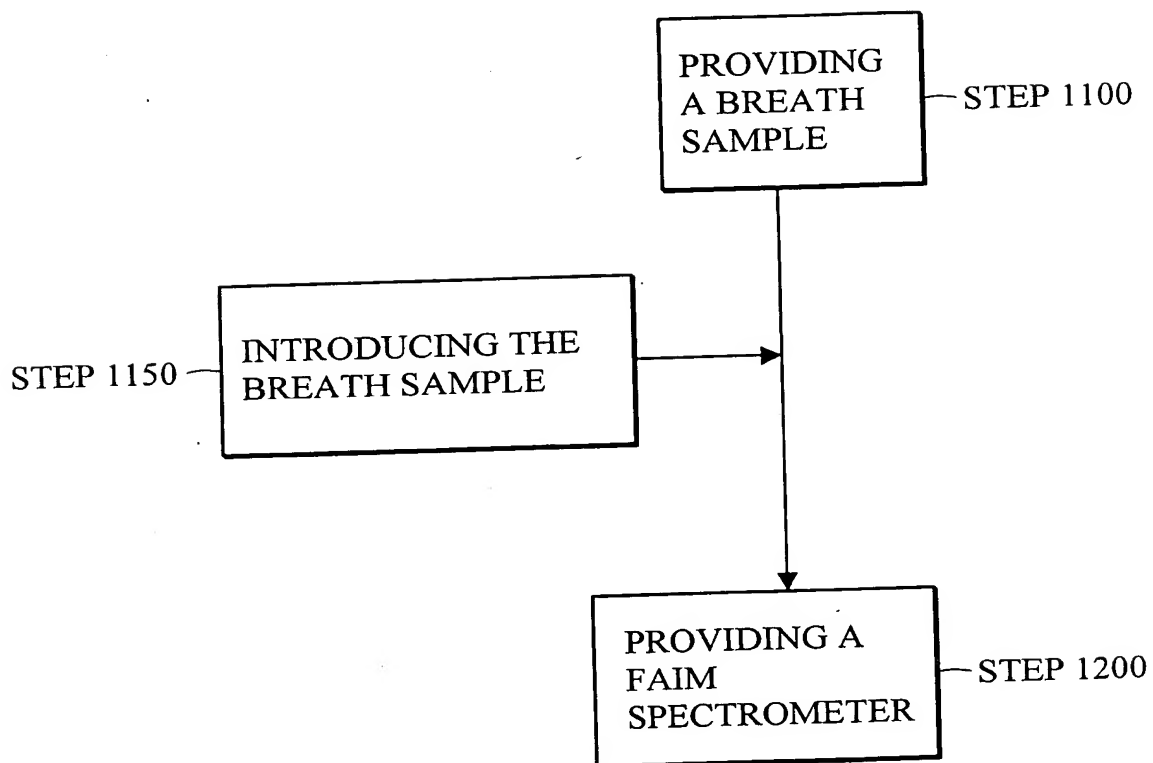


FIG. 10

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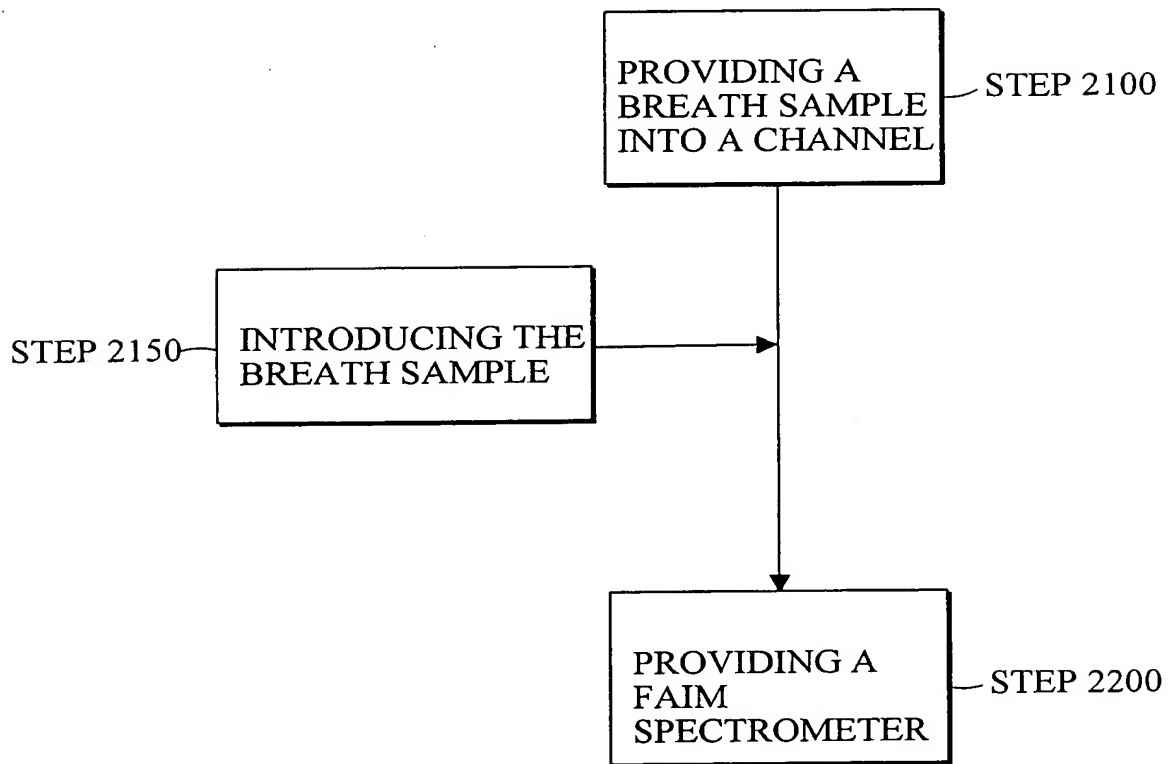


FIG. 11

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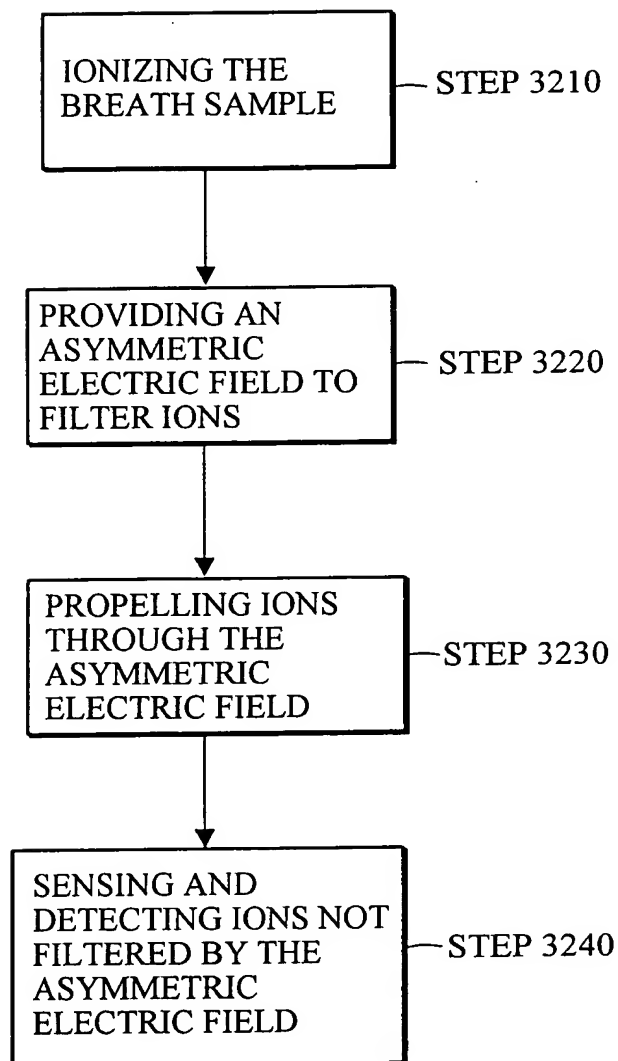


FIG. 12A

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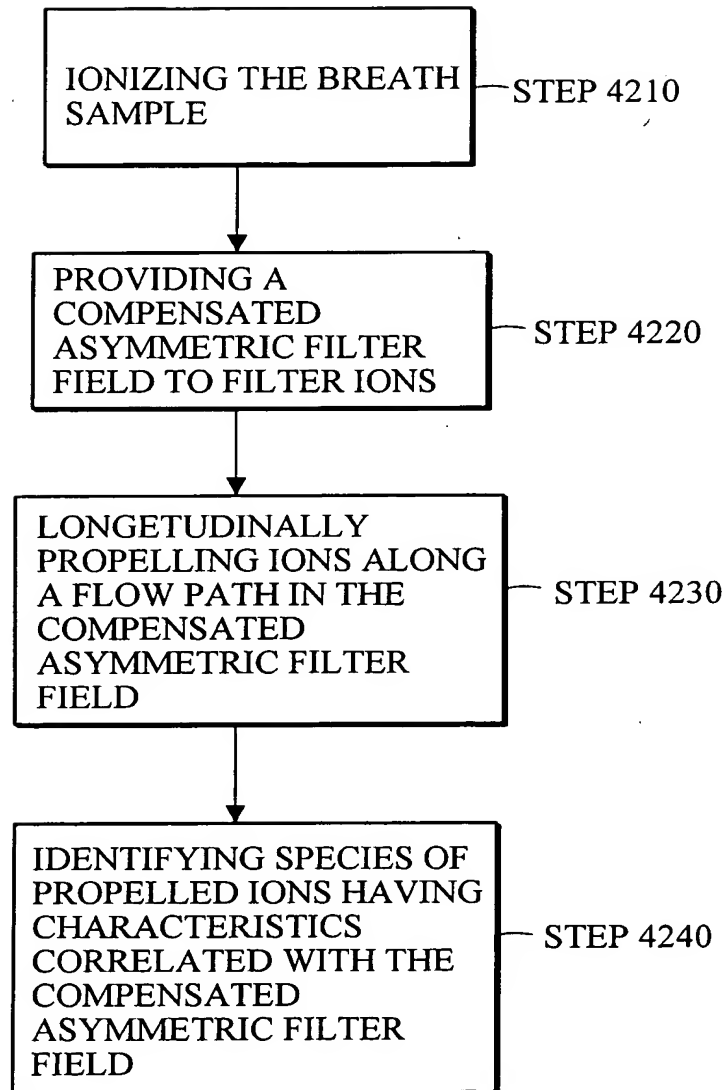


FIG. 12B

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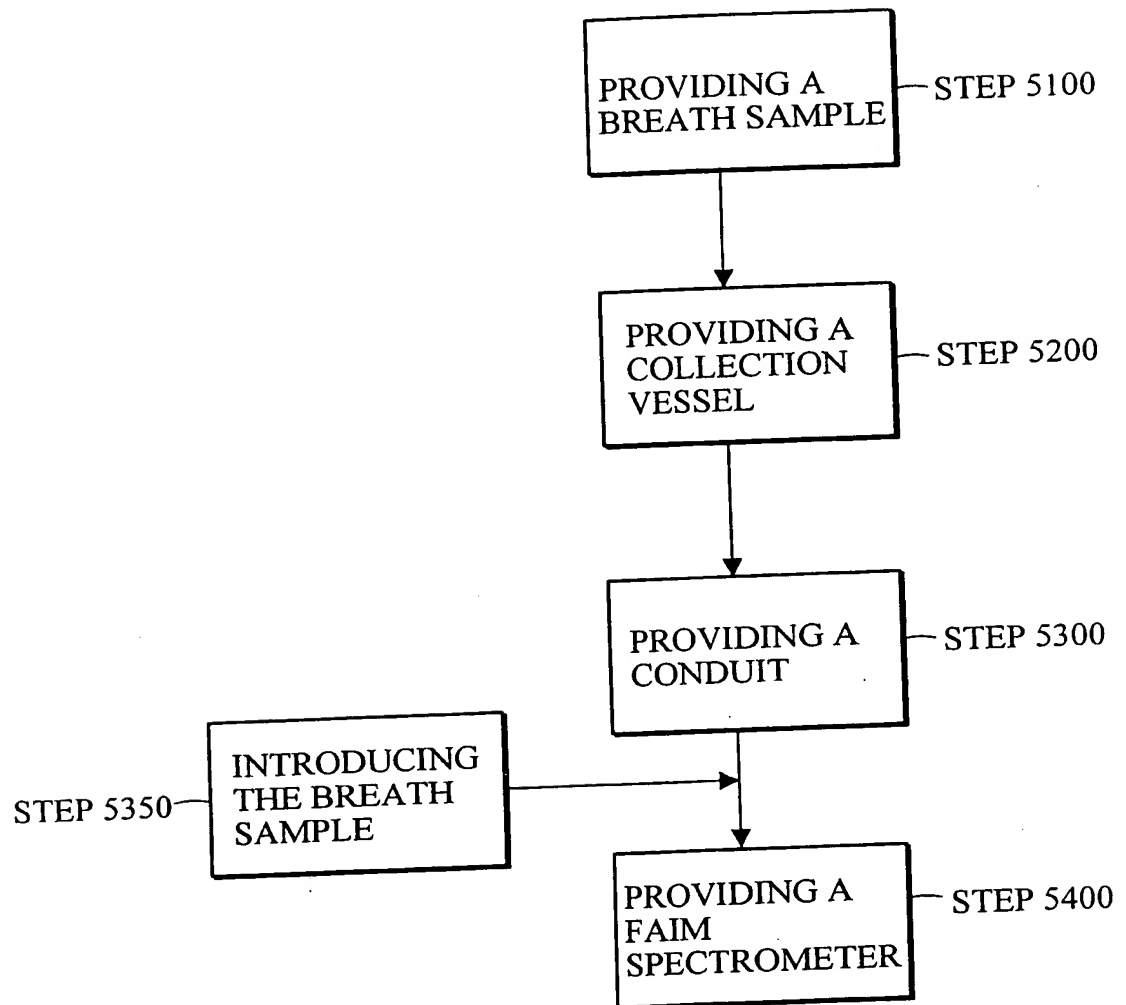


FIG. 13

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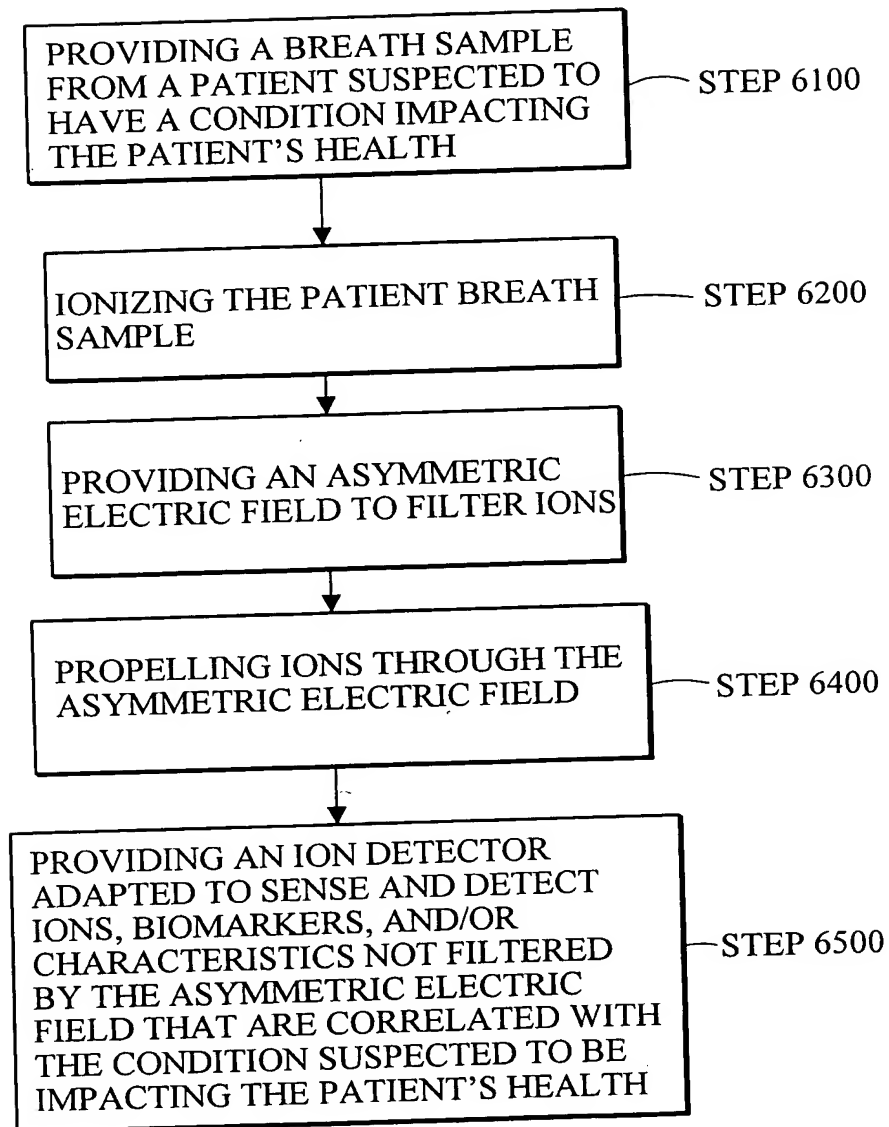


FIG. 14

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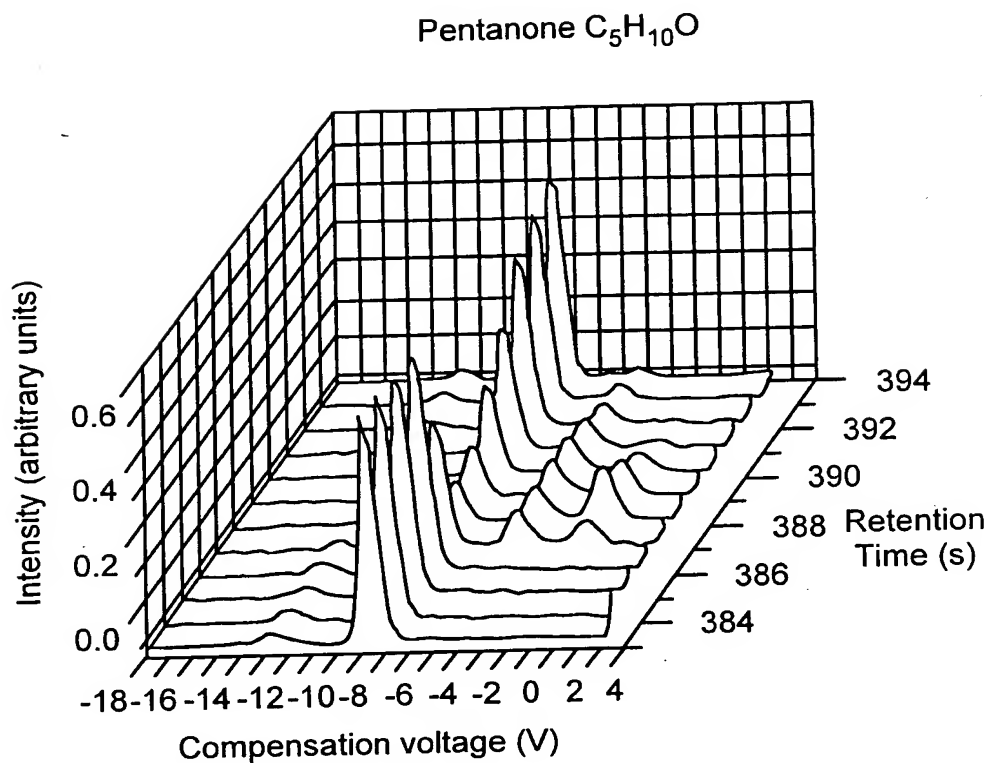


FIG. 15

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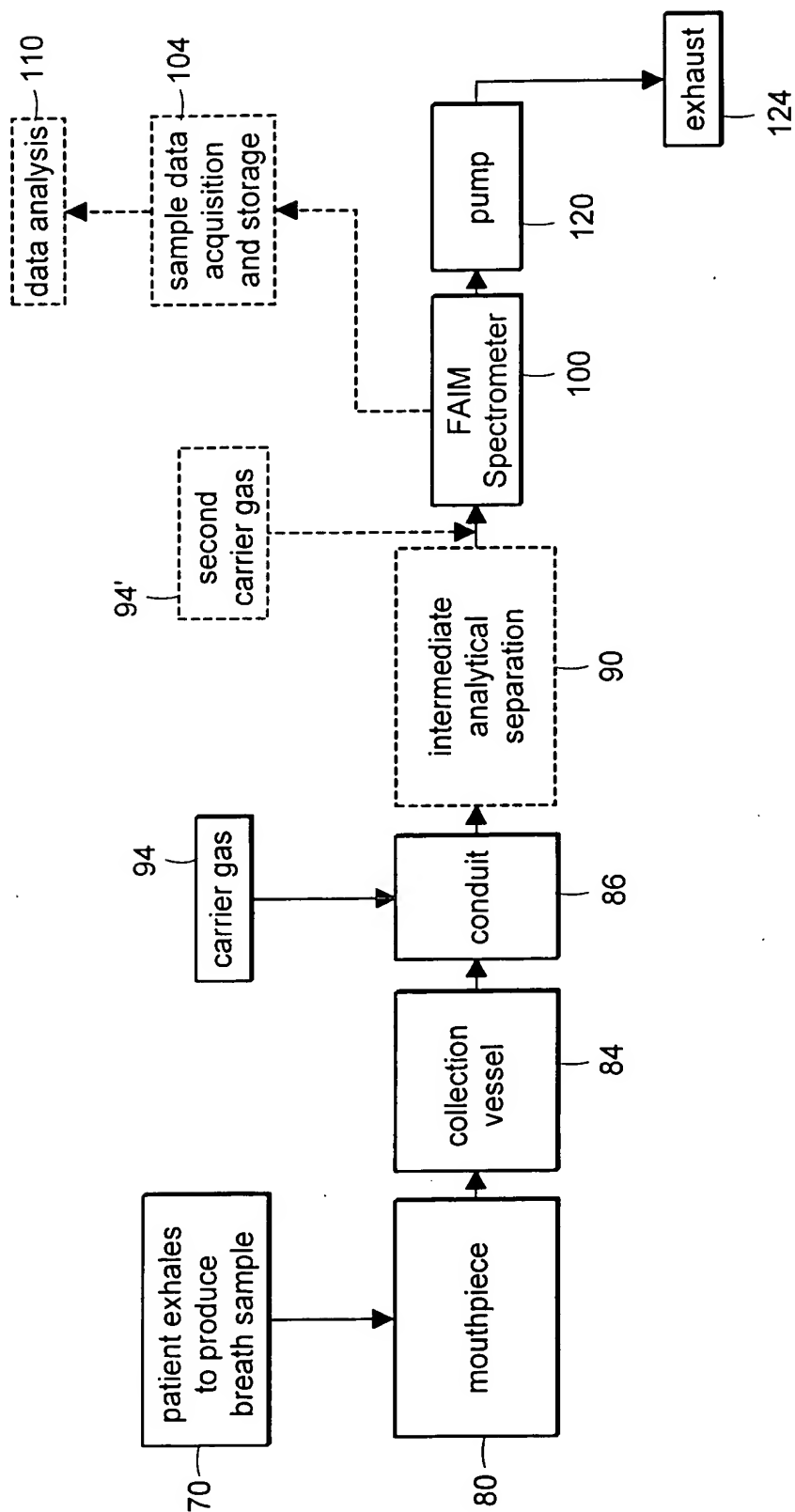


FIG. 16A

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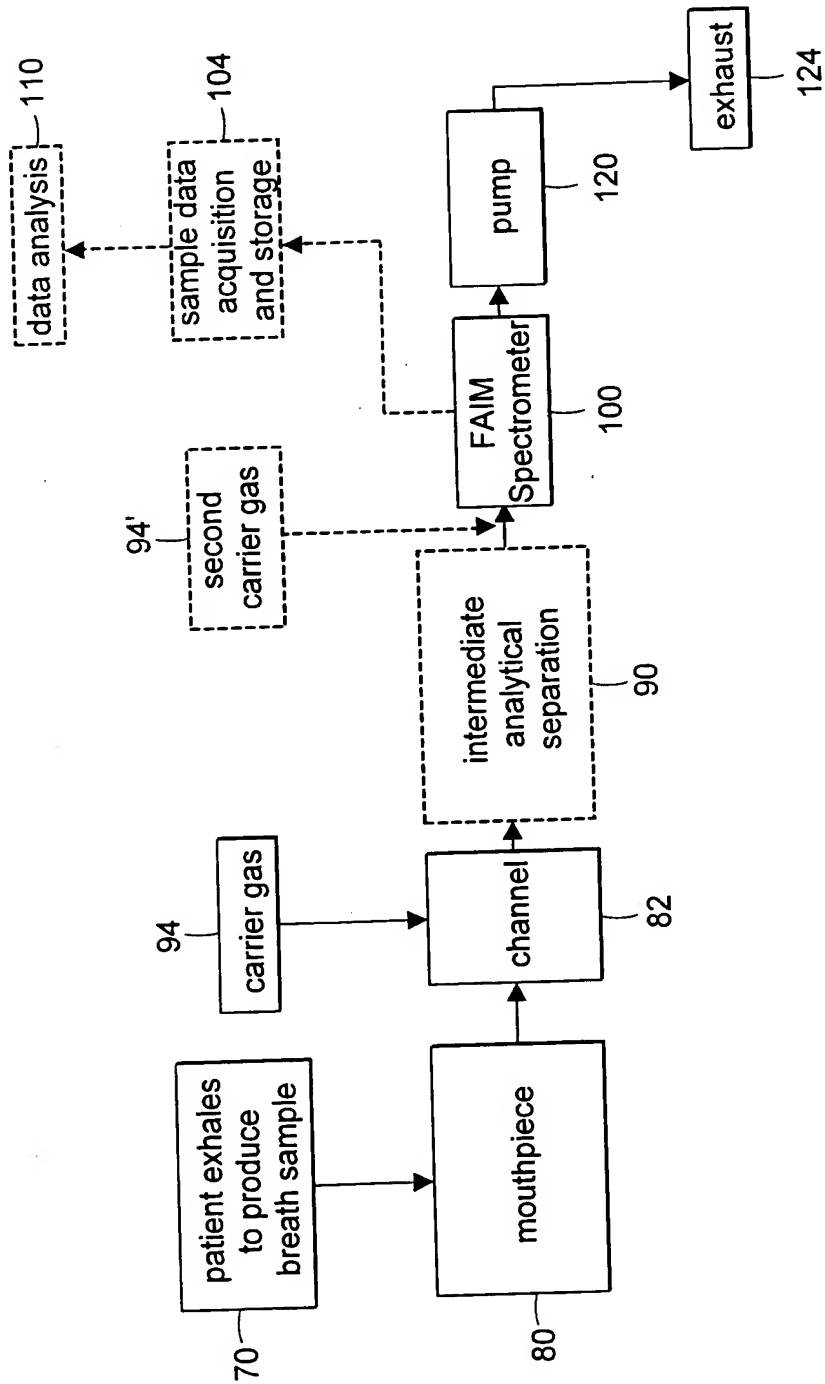


FIG. 16B

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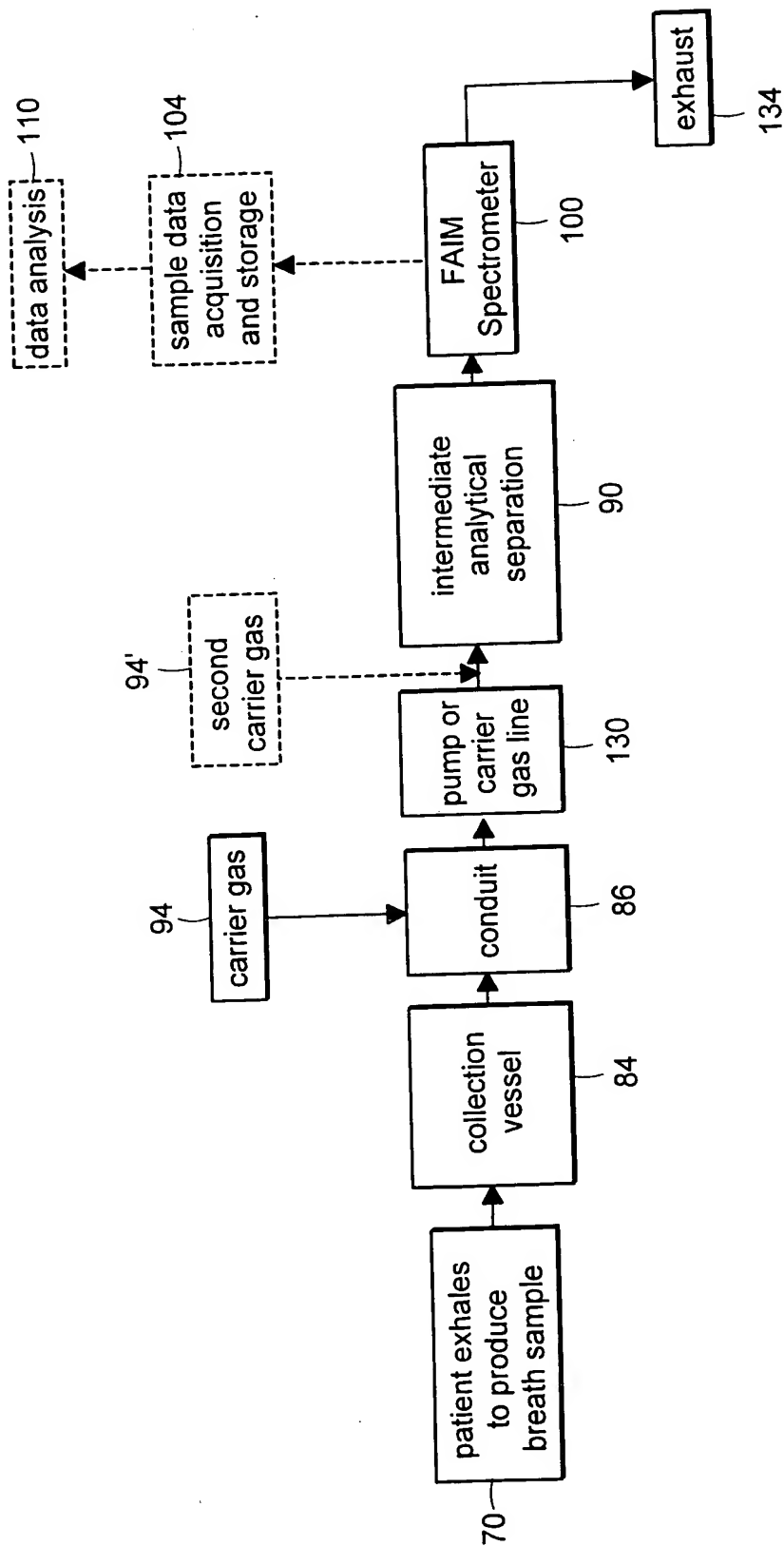


FIG. 16C

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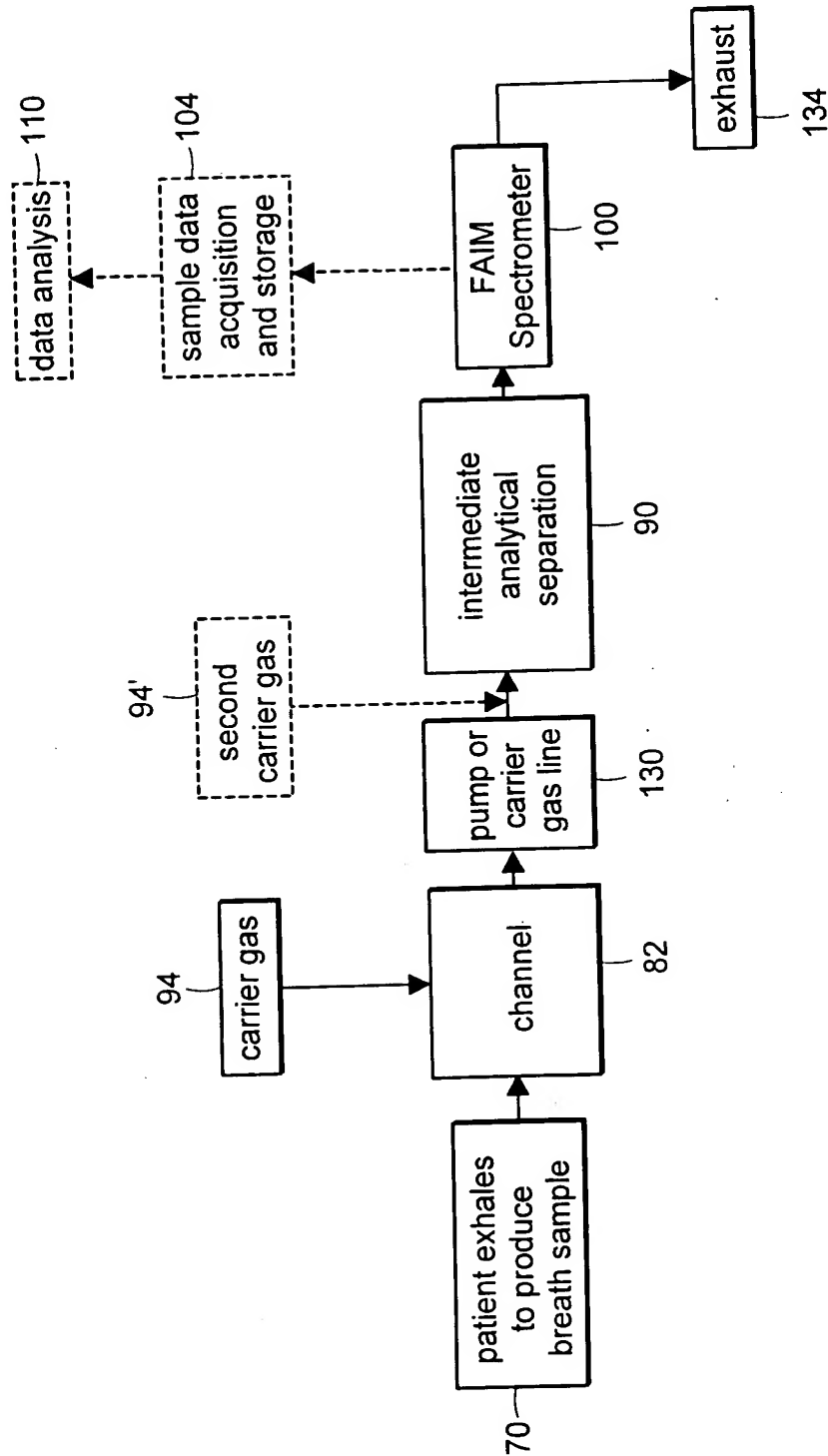


FIG. 16D

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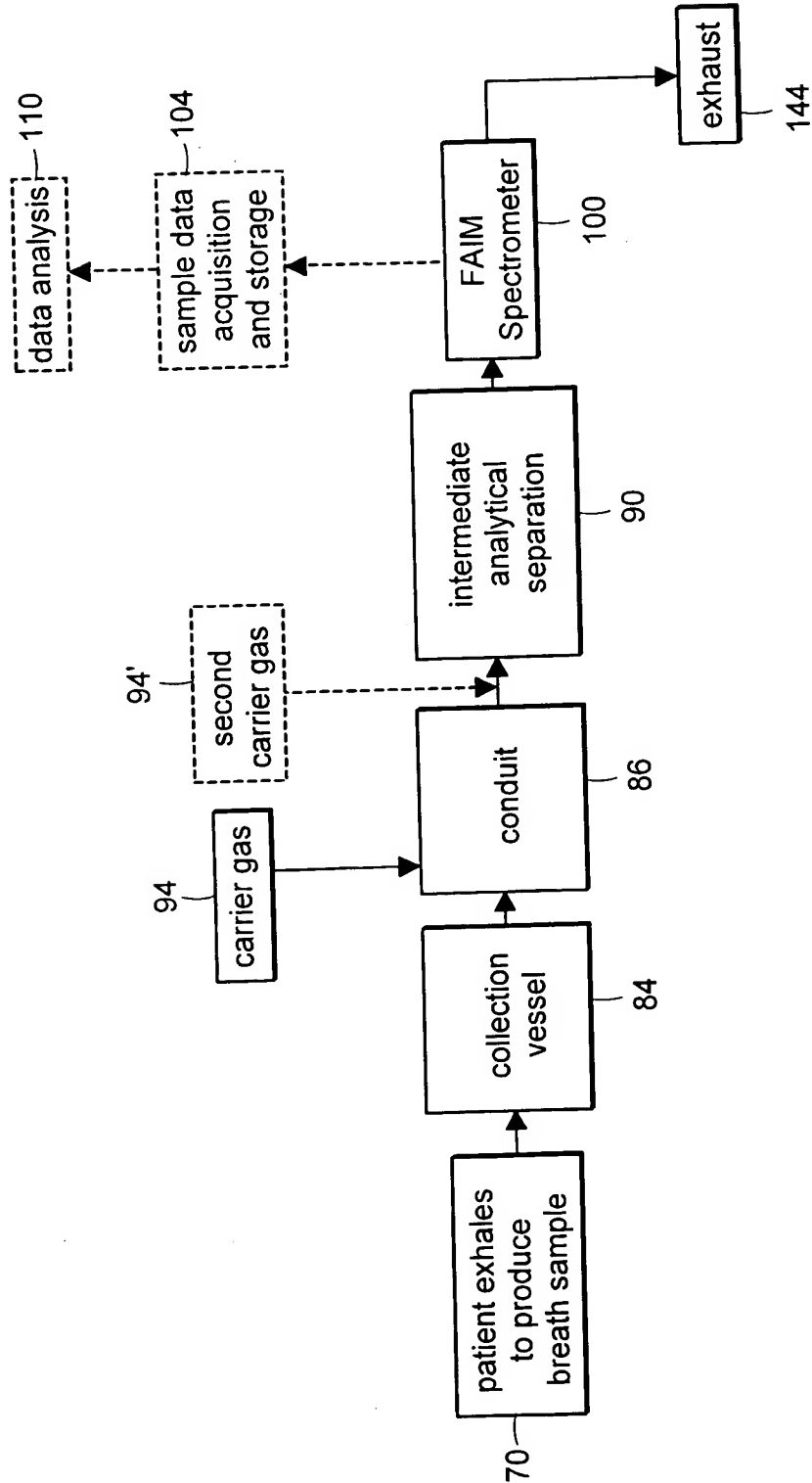


FIG. 16E

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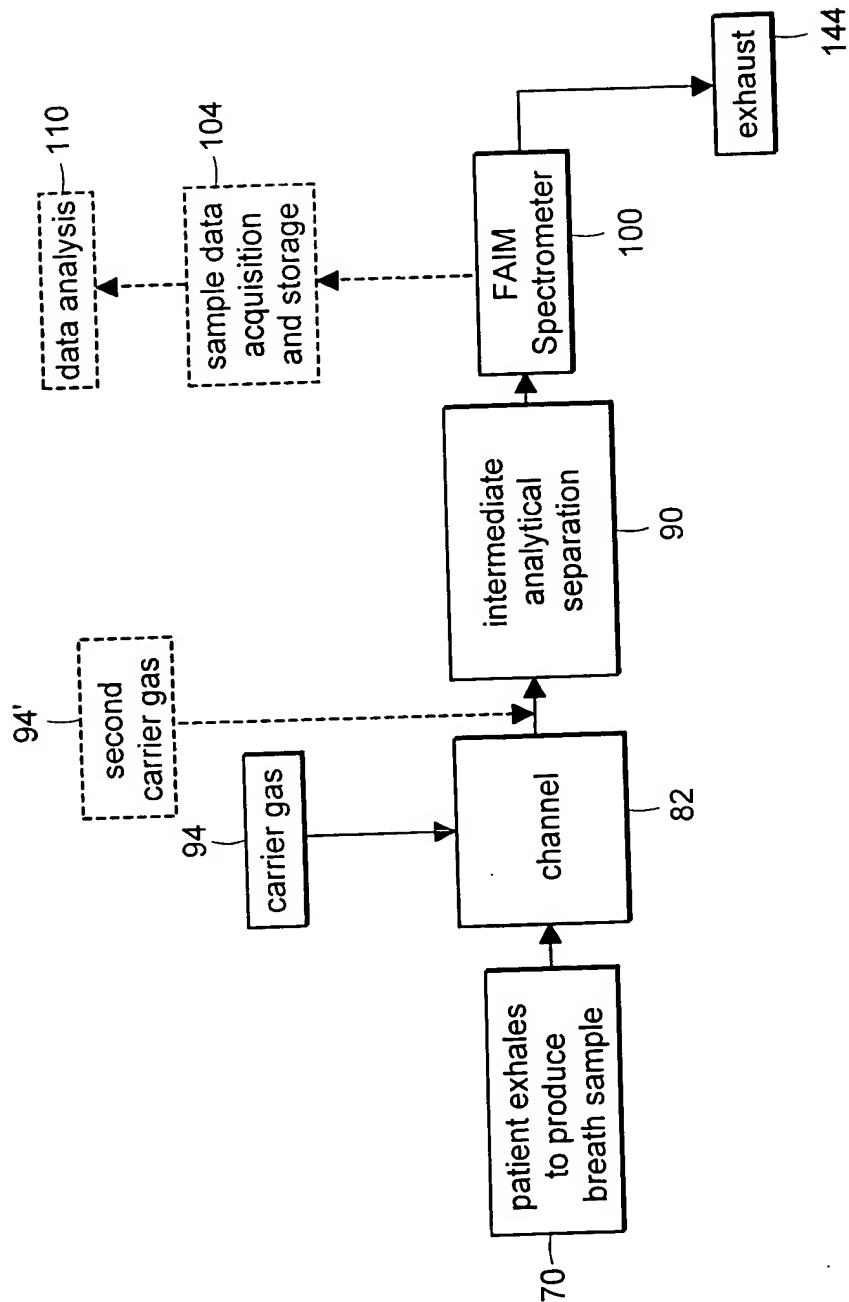


FIG. 16F

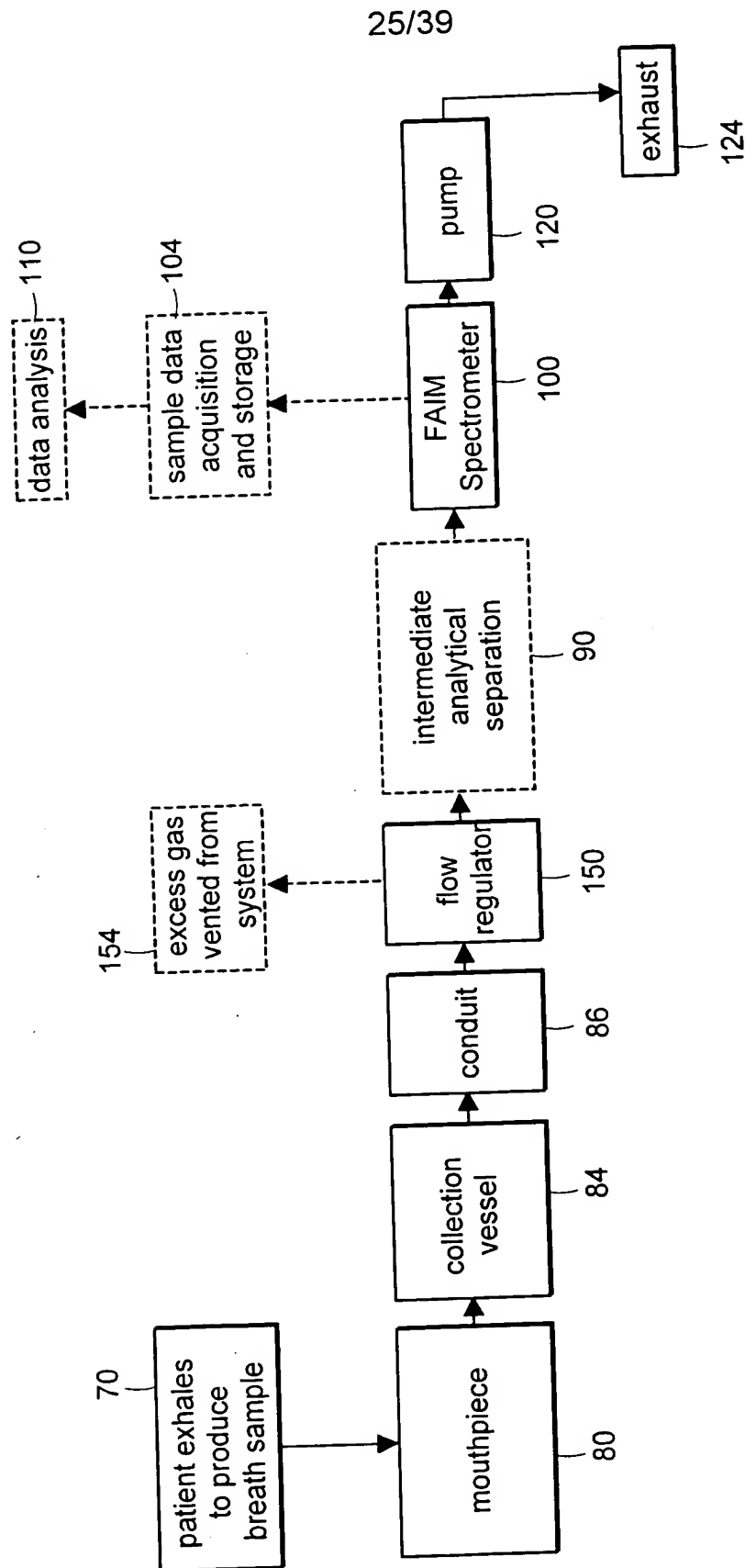


FIG. 16G

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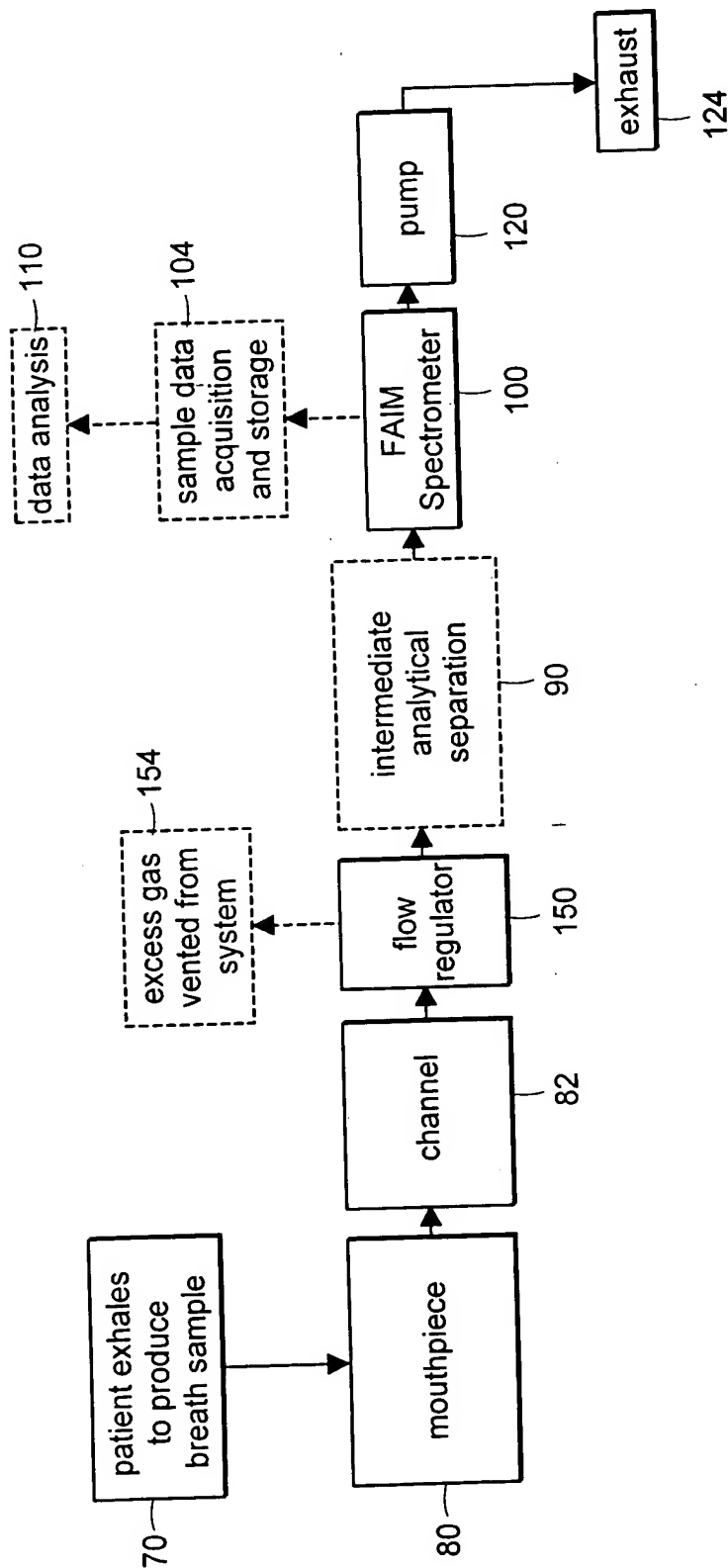
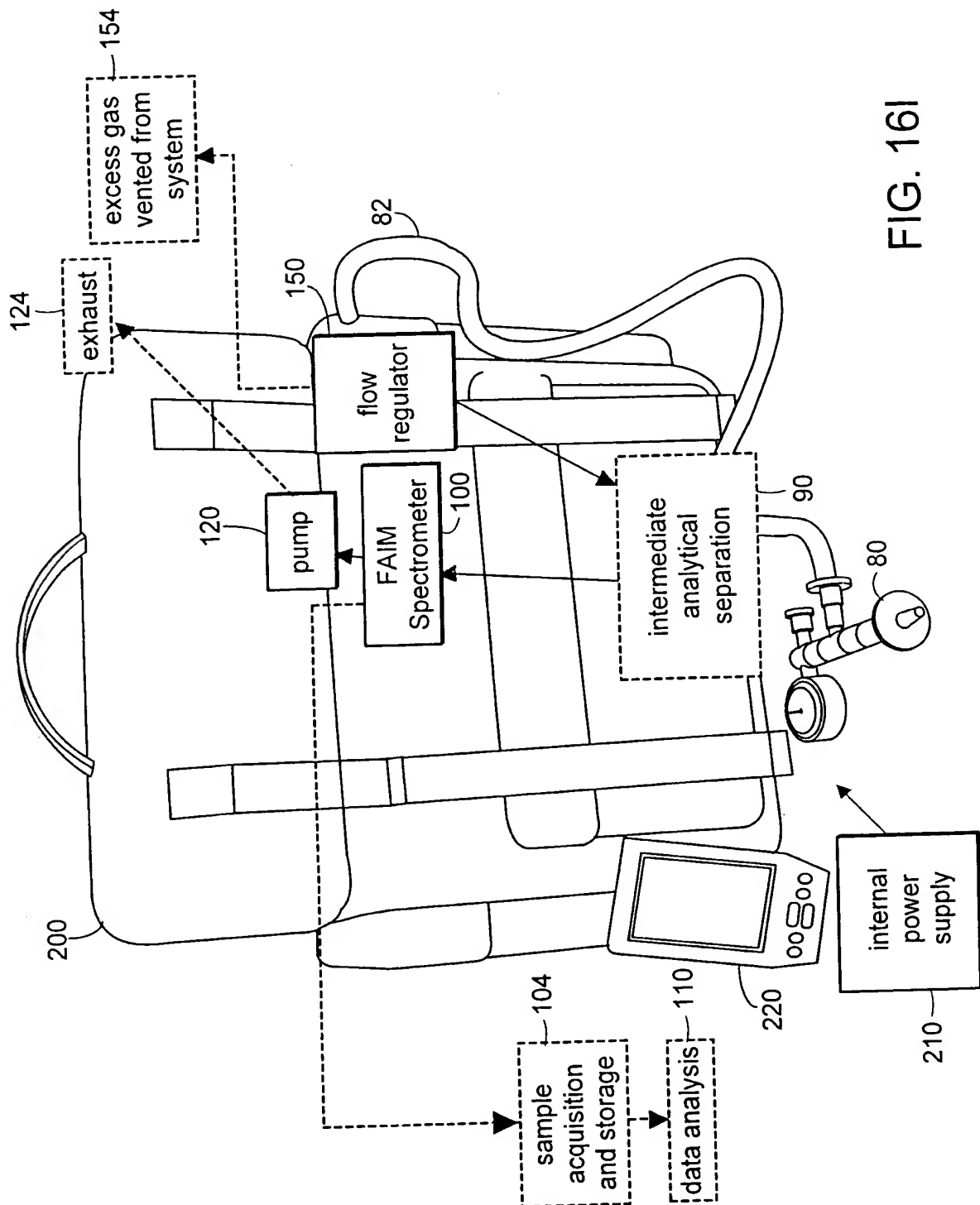


FIG. 16H

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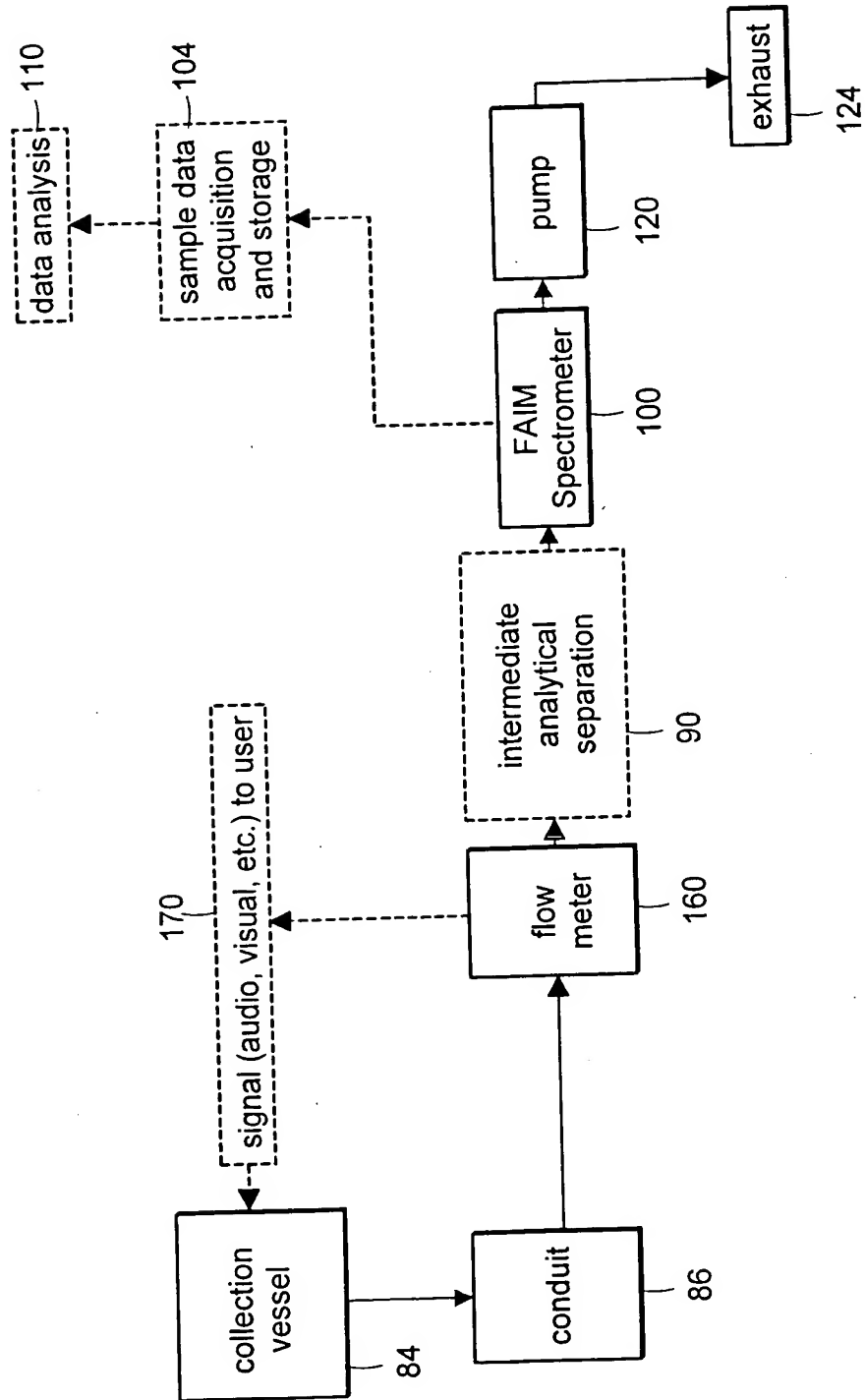


FIG. 16J

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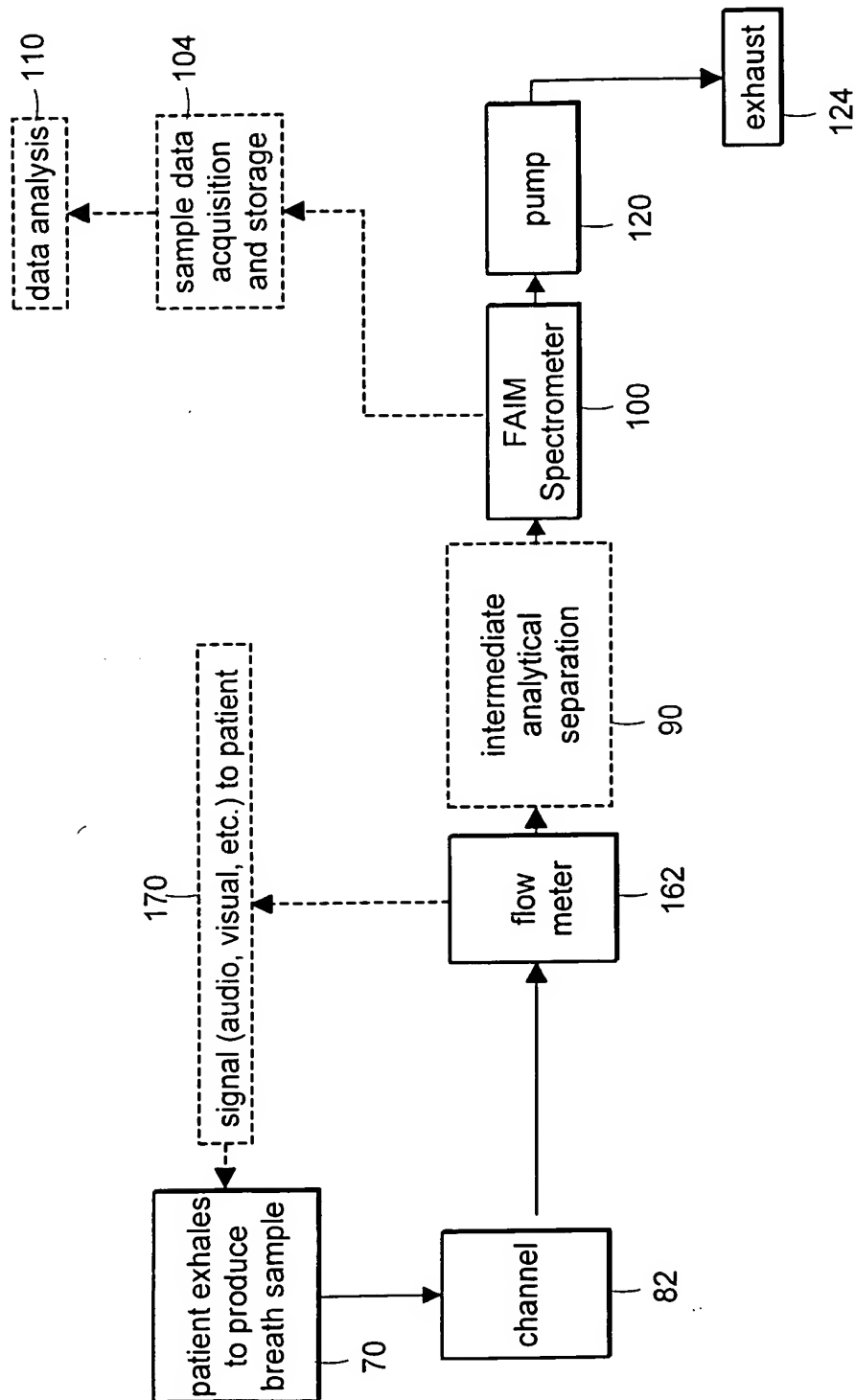


FIG. 16K

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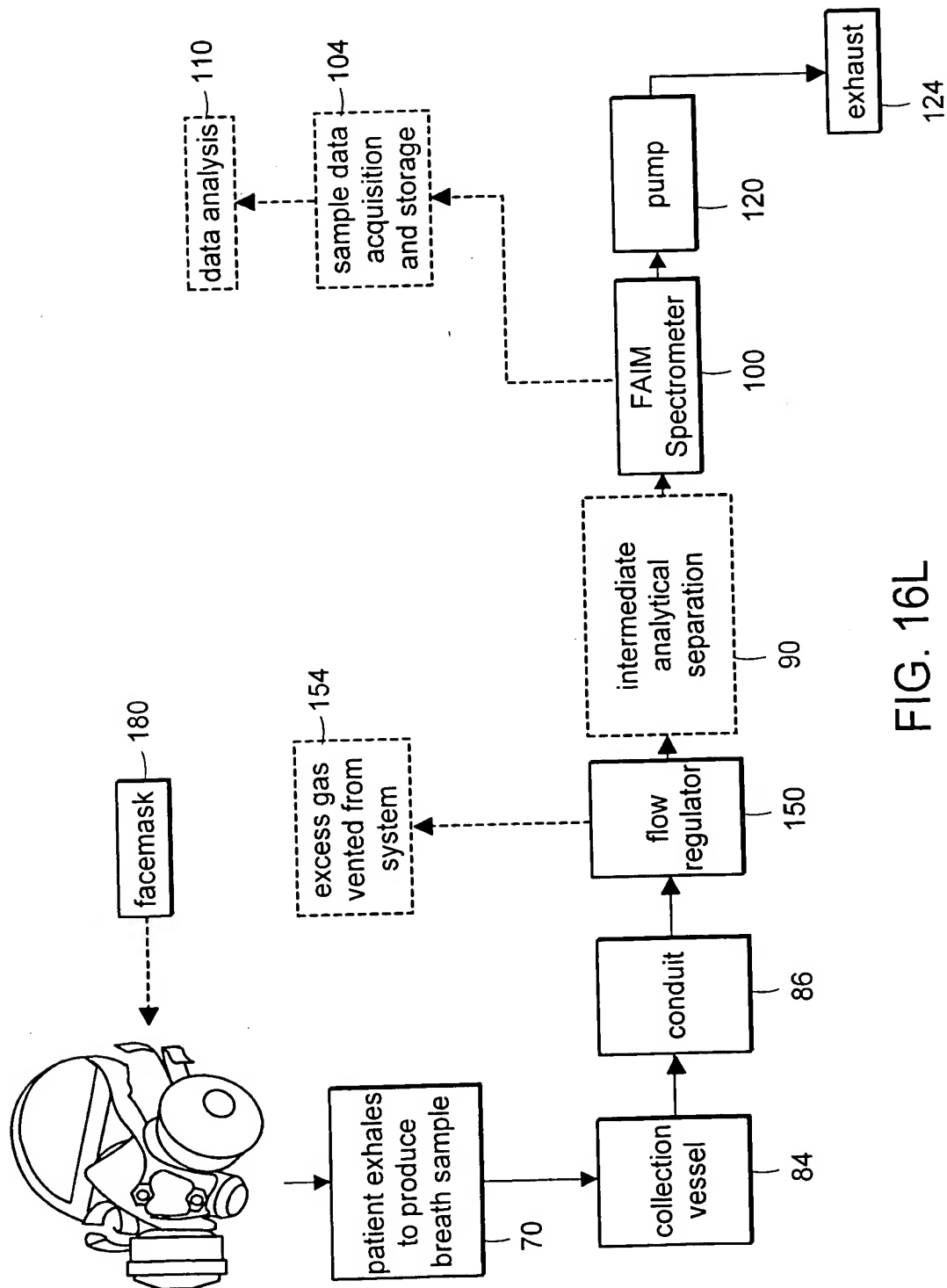


FIG. 16L

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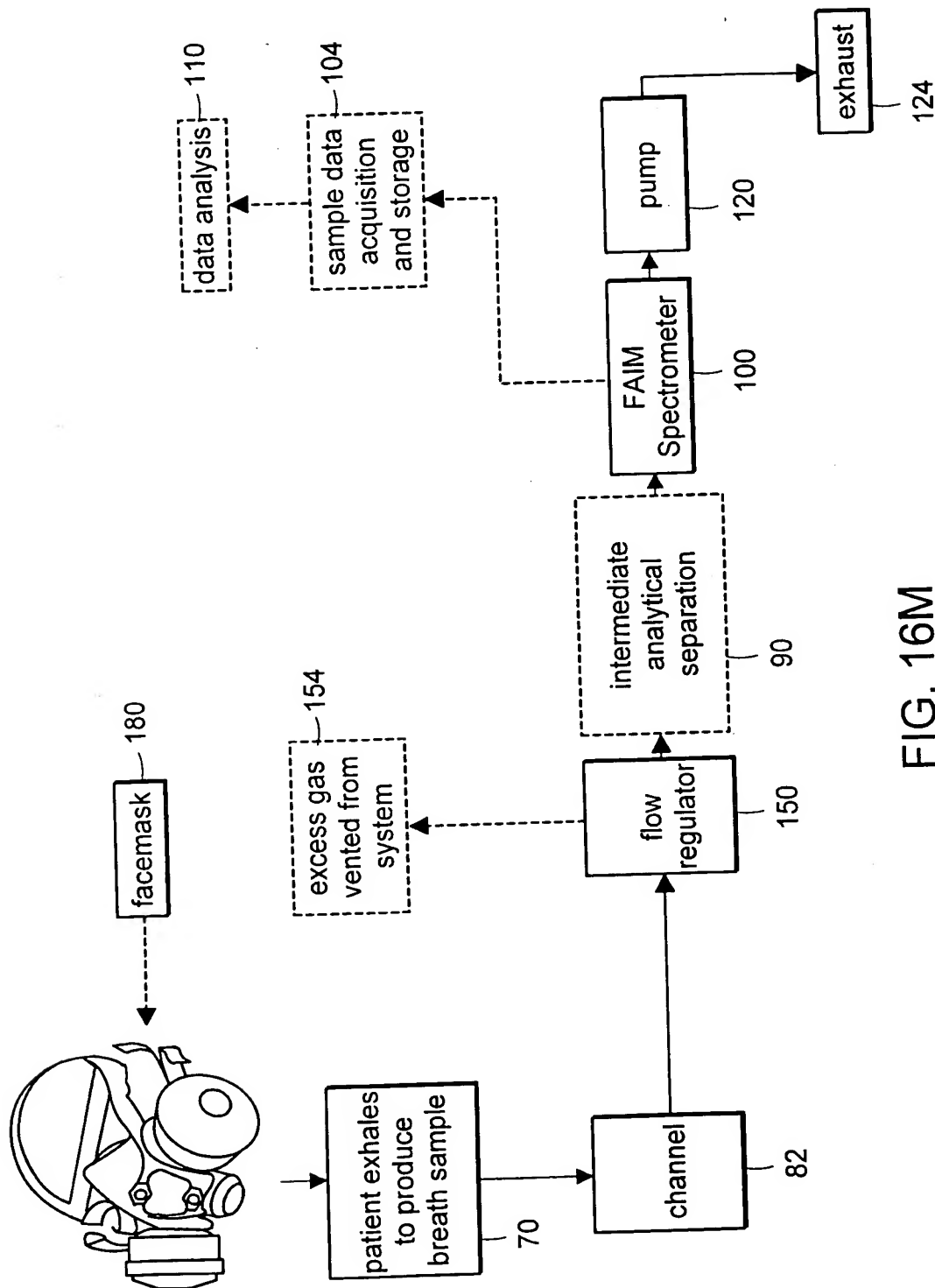


FIG. 16M

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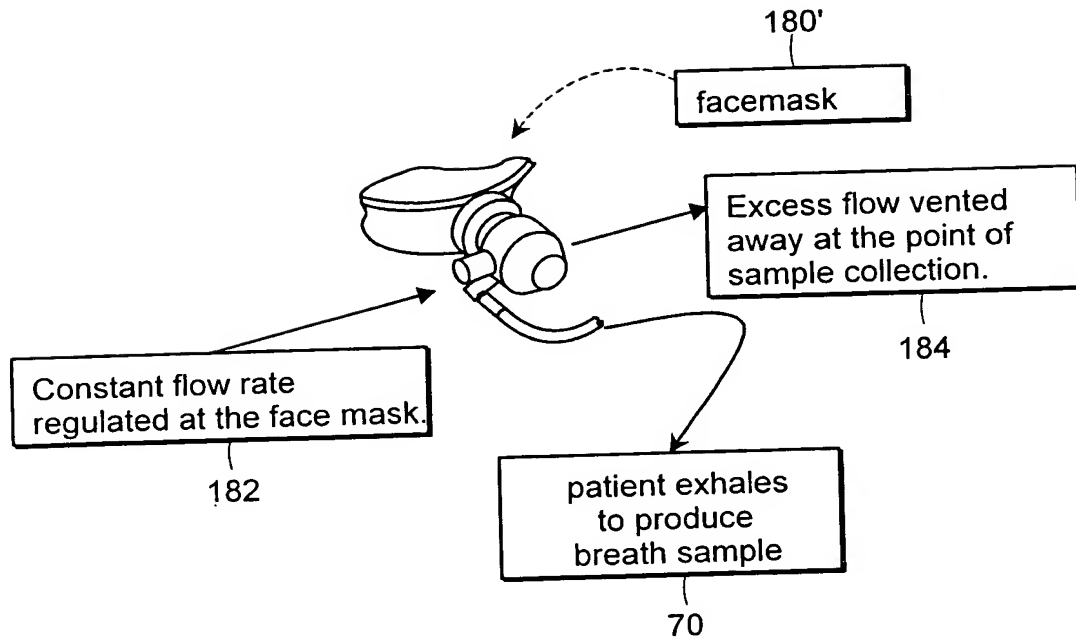
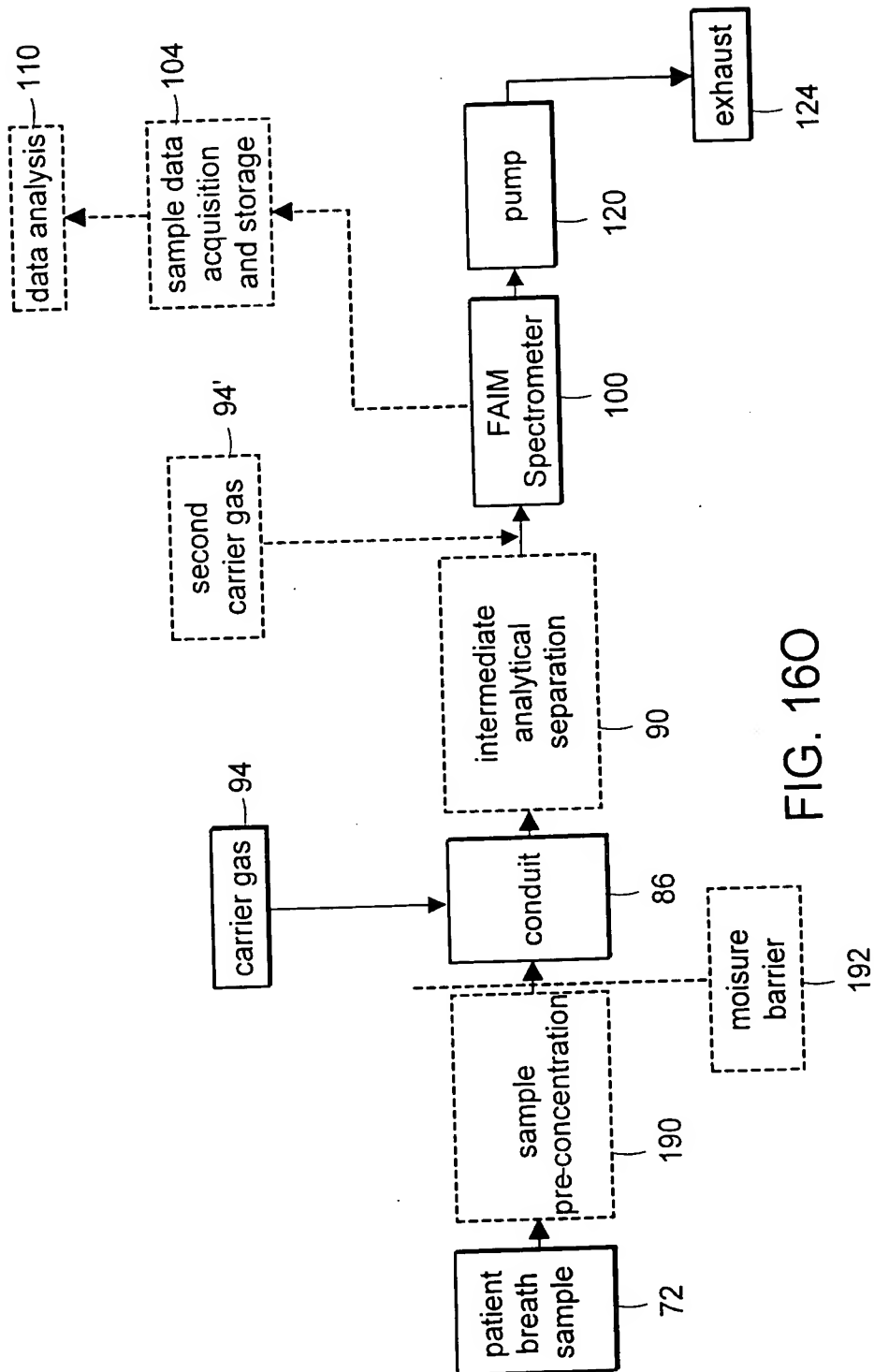


FIG. 16N

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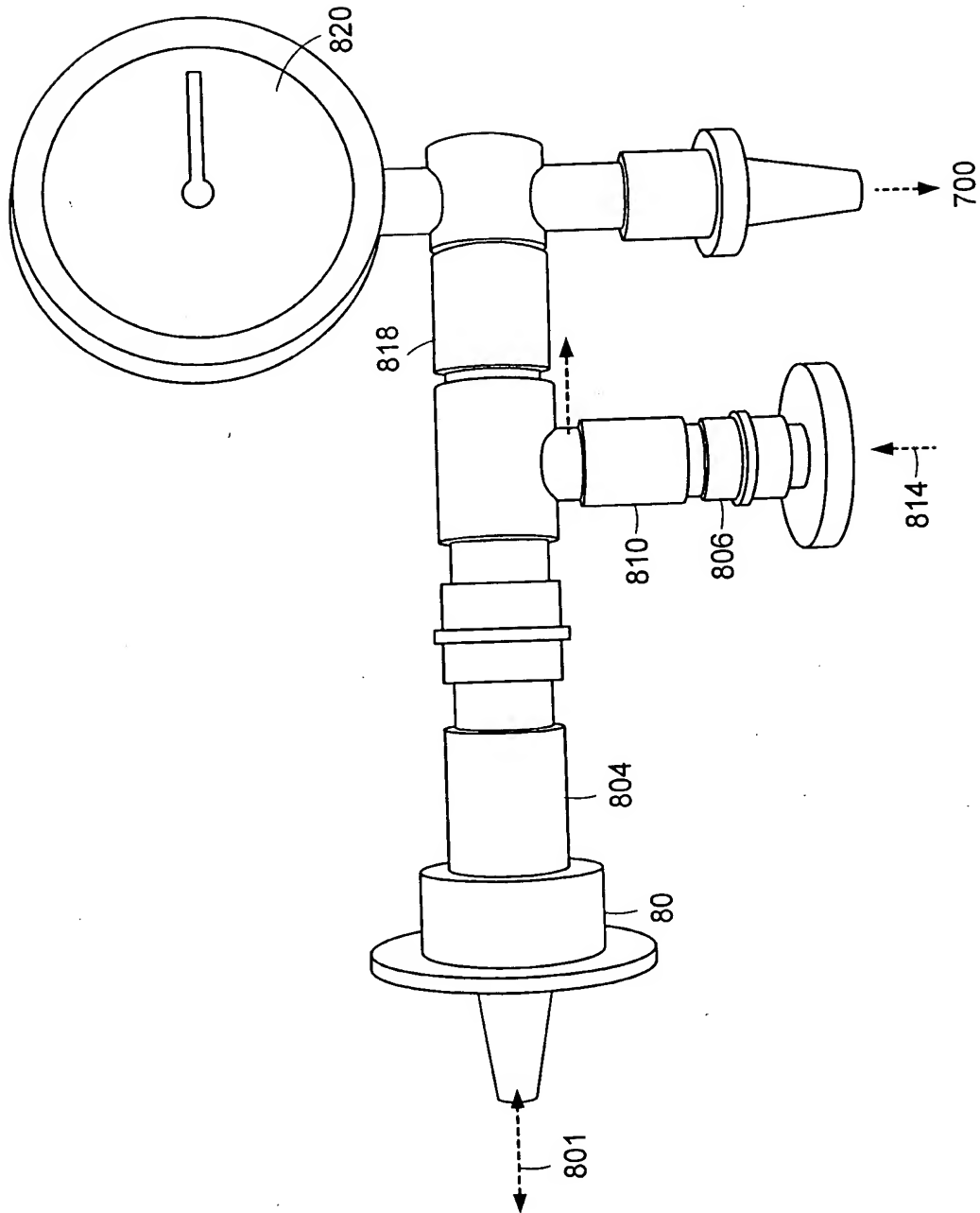


FIG. 16P

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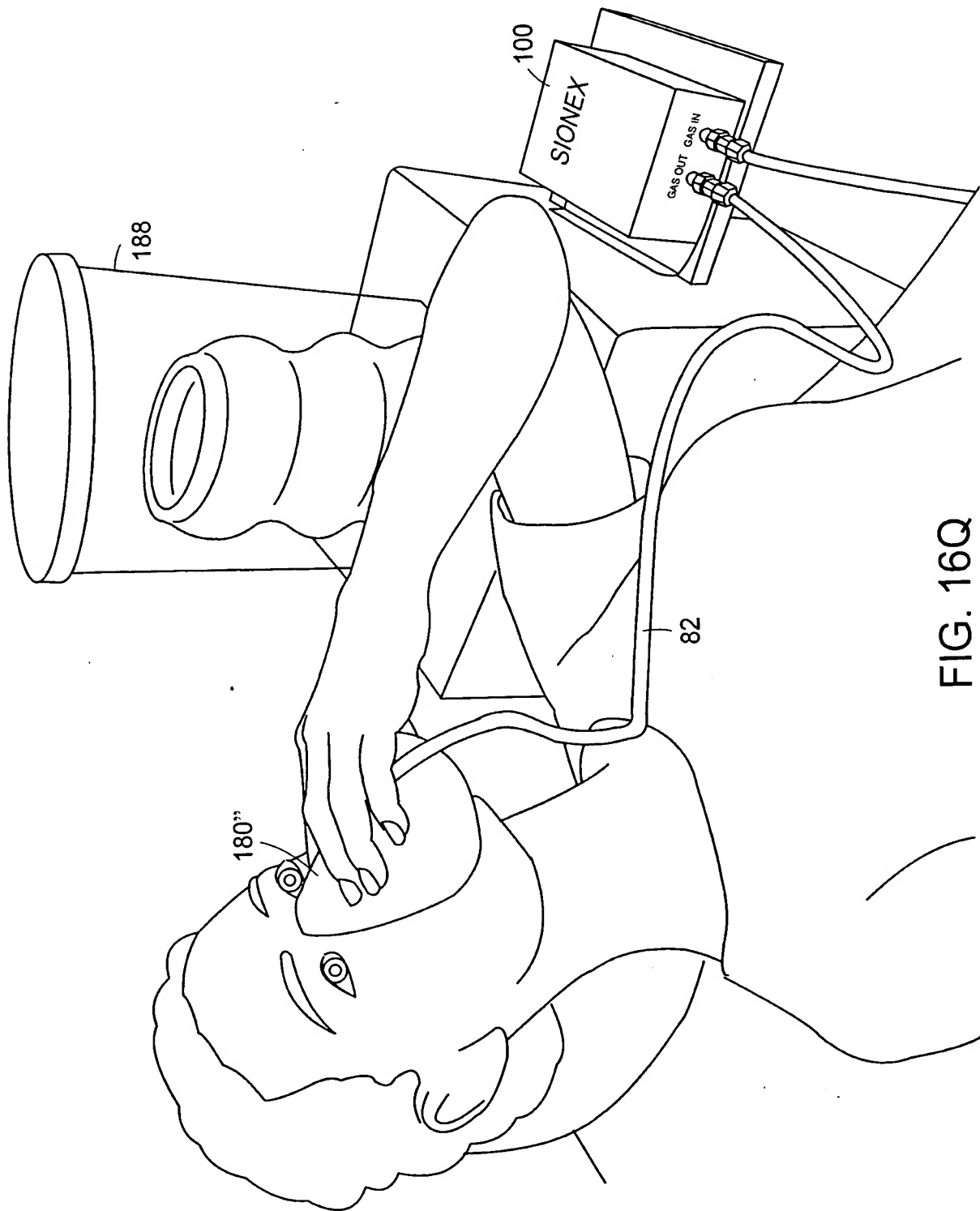


FIG. 16Q

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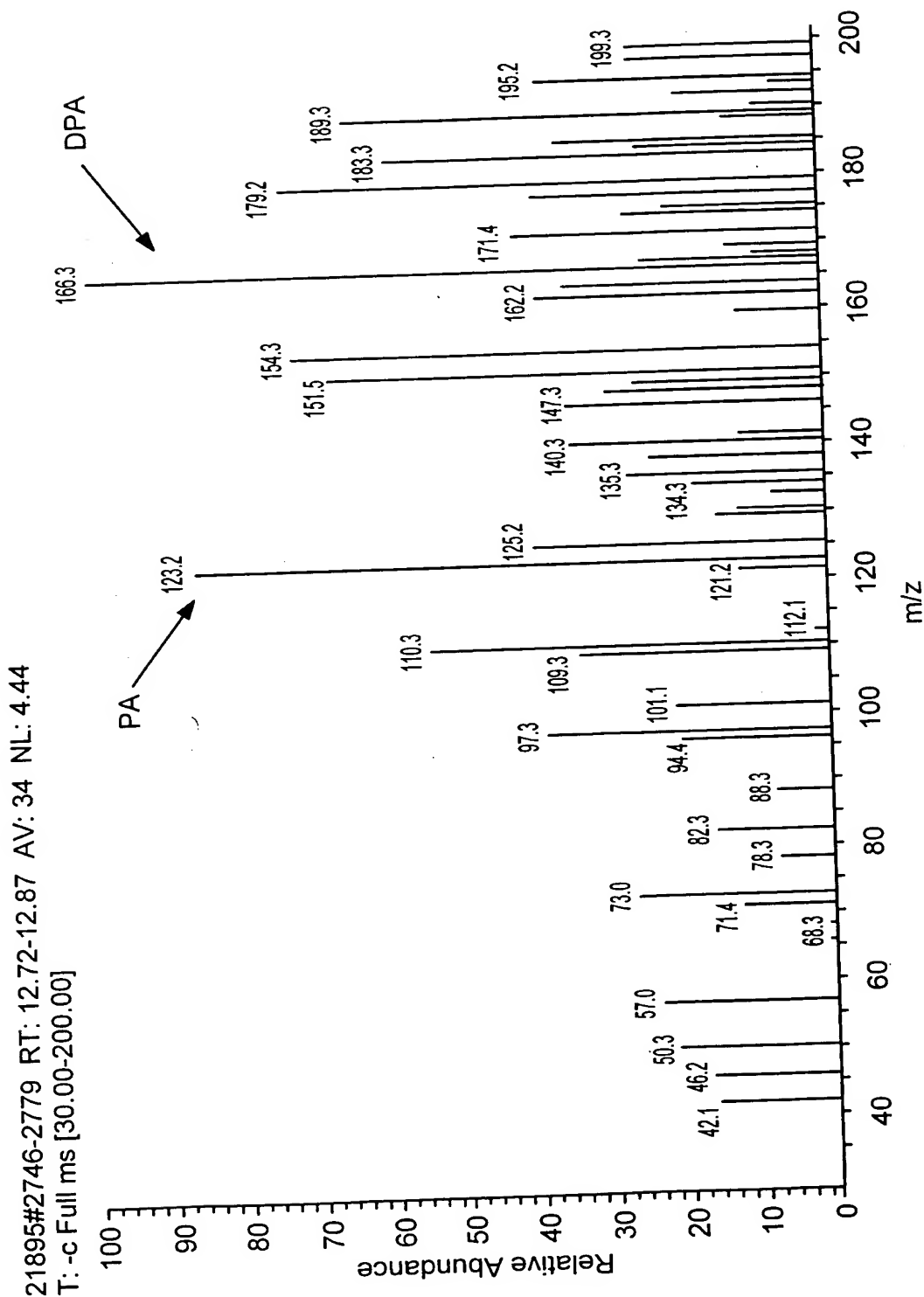


FIG. 17

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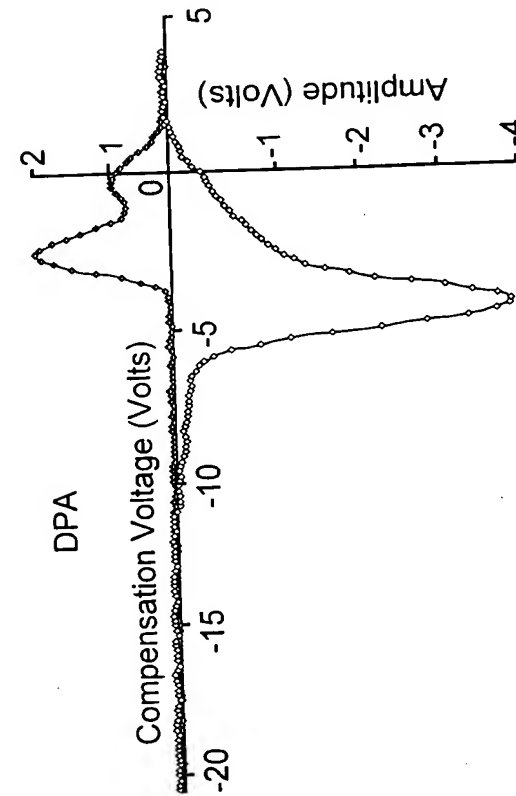


FIG. 18B

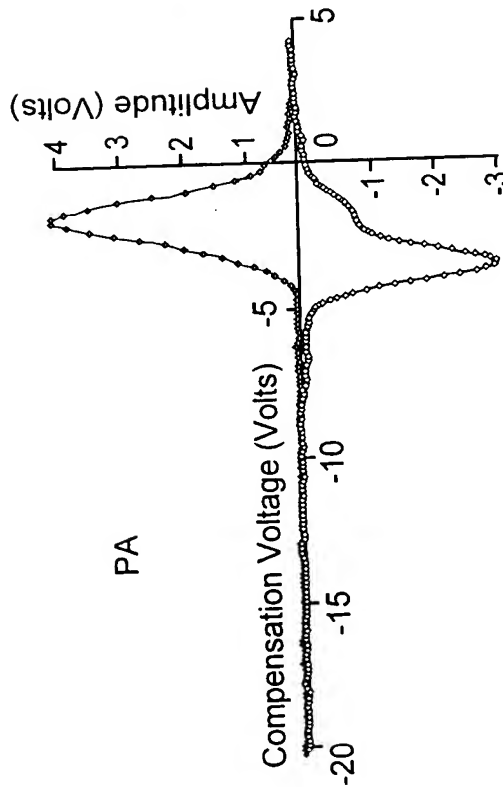


FIG. 18A

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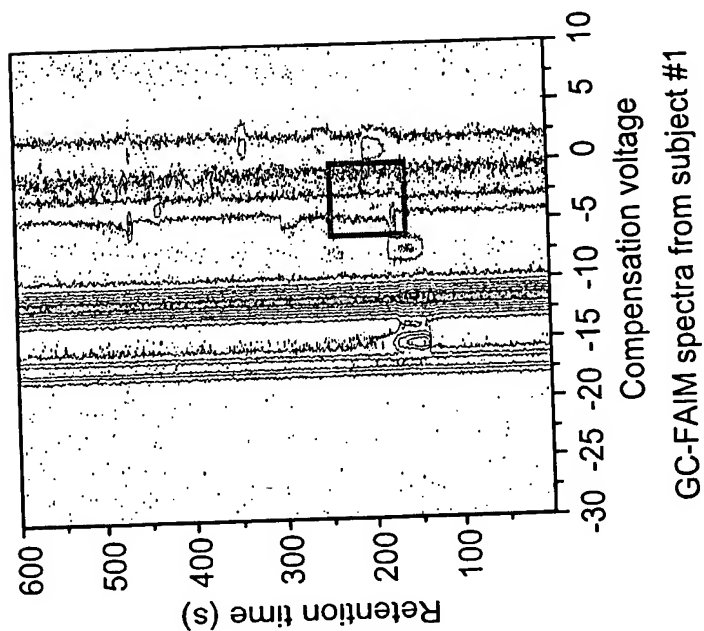


FIG. 19B

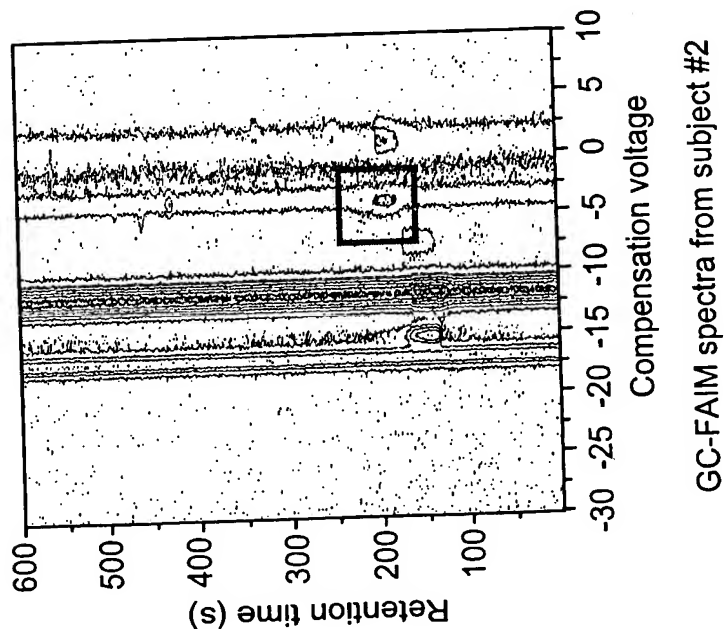
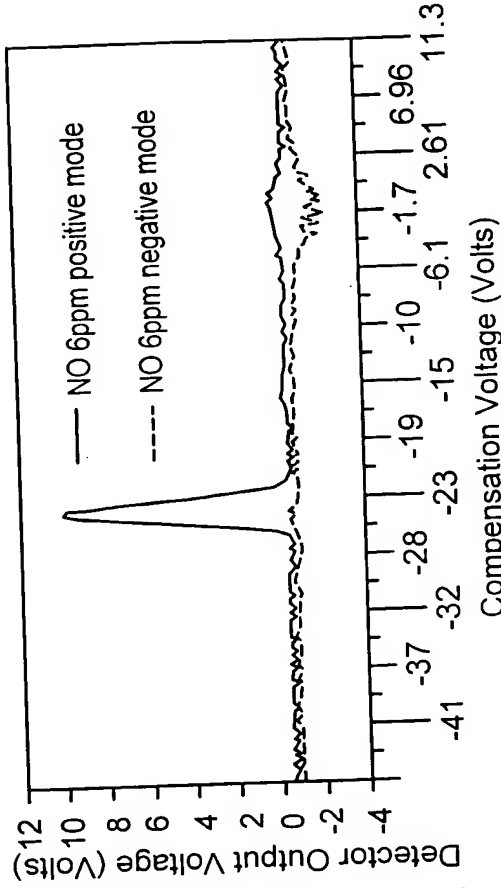


FIG. 19A



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FIG. 20B

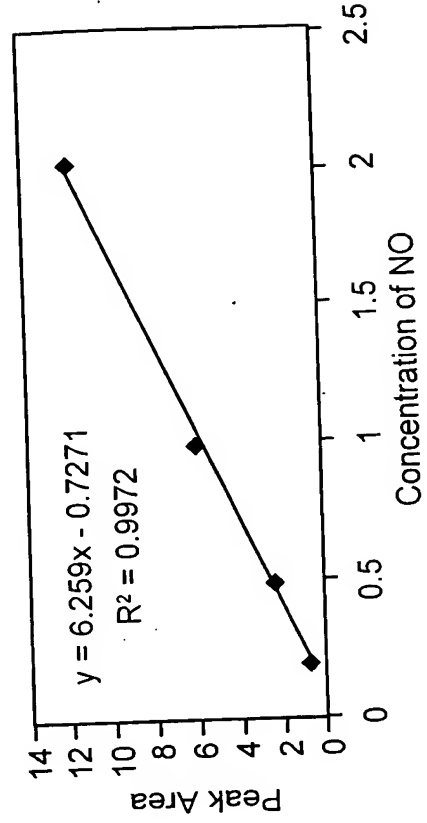


FIG. 20D

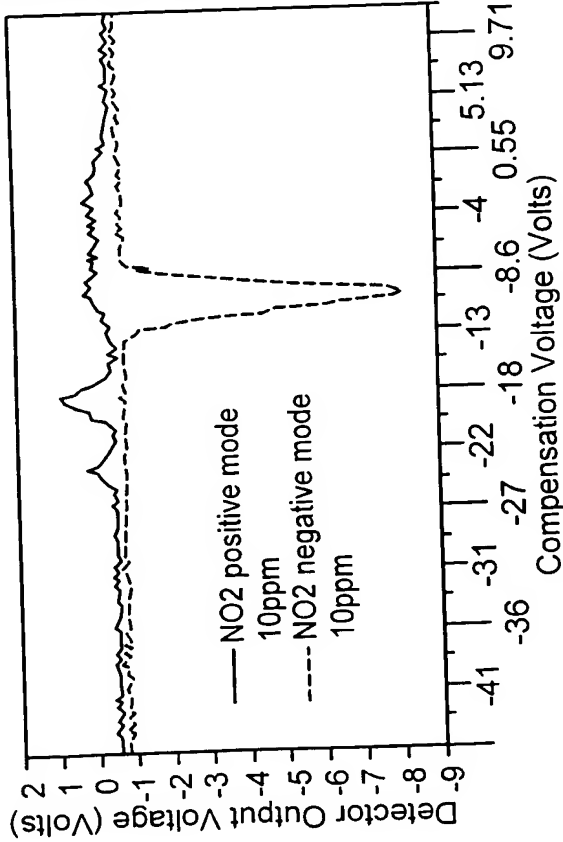


FIG. 20A

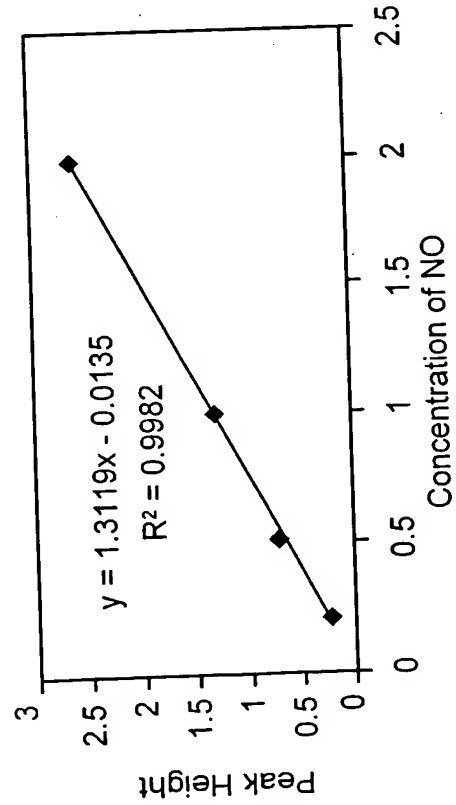


FIG. 20C